

## Graco Patent List

Product	Country	Patent #
190	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	AU	2016277741
	AU	2016277738
	CN	ZL2019111203407
	CN	ZL2019105488508
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL201580063494.0
	CN	ZL2015800634936
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	EM	002726182
	EM	002709246
	EM	002709220
	EP	3187729
	EP	3187728
	GB	9002726182
	GB	9002709246
	GB	9002709220
	TW	D174640
	Others	Pending

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Product	Country	Patent #	
390	US	D742927	
	US	D753188	
	US	D752648	
	US	D747183	
	US	11396871	
	US	11286926	
	US	11035359	
	US	10859162	
	US	10594188	
	US	10502206	
	US	10428942	
	US	10337614	
	US	10094375	
	US	10077771	
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	AU	2016277738	
	CN	ZL2019111203407	
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	CN	ZL2016112613922	
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	CN	ZL2015800634936	
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	CN	ZL201530111358.7	
	CN	ZL201530166741.2	
	CN	ZL201530166705.6	
	CN	ZL201480048216.3	
	EM	002709246	
	EM	002709220	
	EM	002726182	
	EP	3187729	
	EP	3187728	
	EP	3042441	
	GB	9002726182	
	GB	9002709246	
	GB	9002709220	
	TW	D174640	
	Others	Pending	
	Accu-Flo Wellhead (QED & LandTec)	US	8678348

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Product	Country	Patent #
Active Surge Tanks	US	11499543
	Others	Pending
Advanjet Jetting Valves	US	10099238
	US	9457372
	US	9254642
	US	8757511
Agitator Speed Controller	US	9470232
	AU	2017201044
	CN	ZL201280027596.3
	EP	2694817
	TW	I523406
	Others	Pending
Airlessco GS950	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10502206
	US	10428942
	US	10337614
	AU	2016277741
	AU	2016277738
	CN	ZL2019105488508
	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	EP	3187729
	EP	3187728
	Others	Pending
Airlessco HSS9950	US	9073072
	AU	2009335126
	CN	200980152468.X
	EP	2384244

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Product	Country	Patent #
Airlessco LP555 or LP655	US	D803983
	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9068567
	US	9027849
	AU	2016277741
	AU	2016277738
	CN	ZL2019111203407
	CN	ZL2019105488508
	CN	ZL201580063494.0
	CN	ZL2017300083333
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	EP	3187729
	EP	3187728
	Others	Pending
	Airlessco MP455	US
US		11396871
US		11286926
US		11035359
US		10859162
US		10594188
US		10502206
US		10428942
US		10337614
US		10094375
US		10077771
US		9068567
AU		2016277741
AU	2016277738	

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Product	Country	Patent #	
Airlessco MP455 (continued)	CN	ZL2019111203407	
	CN	ZL2019105488508	
	CN	ZL20173000083348	
	CN	ZL201580063494.0	
	CN	ZL2016112639388	
	CN	ZL2016112613922	
	CN	ZL201580063507.4	
	CN	ZL2015800634936	
	CN	ZL201480048216.3	
	EP	3187729	
	EP	3187728	
	EP	3042441	
	Others	Pending	
	Airlessco SL1250 or TS1750	US	D806212
US		9073072	
US		9068567	
AU		2009335126	
CN		201730088890.0	
CN		200980152468.X	
EM		003845114	
EP		2384244	
GB		9003845114	
Airlessco SureStripe or 3350		US	10859162
	US	10428942	
	US	10337614	
	AU	2016277741	
	AU	2016277738	
	CN	ZL2019105488508	
	CN	ZL2016112639388	
	CN	ZL2016112613922	
	EP	3187729	
	EP	3187728	
	Others	Pending	
	Air Strippers (QED, E-Z Tray)	US	10272356
		US	8678353
US		8523152	
CA		2964246	
CN		ZL2017102550796	
EP		3235552	

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Product	Country	Patent #
AllPro Mustang 4850	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10594188
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9068567
	AU	2016277741
	AU	2016277738
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	CN	ZL2019105488508
	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	CN	ZL201480048216.3
	EP	3187729
	EP	3187728
EP	3042441	
Others	Pending	
AllPro Mustang 5150 or 8100	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10502206
	US	10428942
	US	10337614
	US	10094376
	US	10077771
	US	9068567
	US	9027849
	AU	2016277741
	AU	2016277738
CN	ZL2019111203407	
CN	ZL2019105488508	

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Product	Country	Patent #
Allpro Mustang 5150 or 8100 (continued)	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	EP	3187729
	EP	3187728
	Others	Pending
AllPro Mustang 8150	US	9073072
	US	9068567
	AU	2009335126
	CN	200980152468.X
	EP	2384244
APX Electric Texture Sprayers	US	10857561
	US	10456801
	CN	ZL2018100736348
	EP	3354350
	EP	3354349
	Others	Pending
ASM 52159	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10594188
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	US	10428942
	US	10337614
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	CN	ZL2015800634936
CN	ZL201480048216.3	

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Product	Country	Patent #
ASM 52159 (continued)	EP	3187729
	EP	3187728
	EP	3042441
	Others	Pending
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	US	11035359
	US	10859162
	US	10502206
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	US	10337614
	US	10094375
	US	10077771
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	US	9027849
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	CN	ZL201580063494.0
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	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	EP	3187729
	EP	3187728
	Others	Pending
ASM 3150 or 3750	US	9073072
	US	9068567
	AU	2009335126
	CN	200980152468.X
	EP	2384244
ATZ Branded Well Seals	US	9316082
	CA	2804699
AutoPumps (QED AP4 & Ultra)	US RE	10030651
	US RE	9587483C1
	AU	2015218230
	CA	2938905
	CN	ZL2015800089925
	EP	3108143



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Product	Country	Patent #
AutoPumps (QED AP4 & Ultra) (continued)		
	AP4.5 US	10662941
	CN	ZL201880007560.6
	EP	3571417
	AP4 Xtreme US	11529658
	US	11261883
	CN	ZL2018800656002
	EP	3665390
	Others	Pending
CanConnect		
	US	9764346
Check-Mate		
		Pending
ChemSafe		
	US	10273953
	US	9874206
	US	9004881
	CN	ZL201480025145.5
	JP	6420319
	JP	6189935
	KR	10-1941744
	KR	10-1905348
	KR	10-1759773
	TW	I593885
	TW	I519712
	Others	Pending
Contractor gun		
	US	8272621
	CN	ZL200880019692.7
	EP	2167858
Contractor PC gun		
	US	10717097
	US	10589303
	US	D901626
	US	D877294
	US	D875885
	AU	201912523
	AU	201912519
	AU	201912517
	BR	BR302019002242-7
	BR	BR302019002241-9
	BR	BR302019002240-0

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Product	Country	Patent #
Contracto PC gun (continued)	CN	ZL2019300790598
	CN	ZL2019300783518
	CN	ZL2019300783448
	CN	ZL201920405194.1
	CN	ZL2019102411947
	EM	006307575
	EM	006305694
	EM	006305686
	GB	9006307575
	GB	9006305694
	GB	9006305686
	IN	318119-001
	KR	30-1067168
	KR	30-1067167
	KR	30-1058033
	RU	117707
	RU	117705
	RU	117696
	TW	D206556
	Others	Pending
Contractor PC Compact gun	US	D937387
	US	10717097
	US	10589303
	AU	202012905
	BR	BR302020002659-4
	CN	ZL2020232797263
	CN	ZL2020232765101
	CN	ZL2020302317807
	CN	ZL201920405194.1
	CN	ZL2019102411947
	EM	007942834
	GB	9007942834
	IN	329347-001
	KR	30-1102026
	RU	123248
	TW	D211049
Others	Pending	
Core E1		Pending
Diaphragm Kits		
	US	8887620

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Product	Country	Patent #
Diesel Exhaust Fluid (DEF) Inline Meters	US	8312785
	AU	2009260754
	CN	ZL200980132329.0
	EP	2310813
	ID	P000057799
	JP	5209112
	KR	10-1571195
	MY	MY154607A
	RU	2499982
	TW	I409445
Drywall Feed Pumps	US	D790662
	US	D753923
	US	11035354
	US	10814340
	US	10751749
	US	10670006
	US	10195639
	US	9481000
	US	8826961
	US	8783332
	AU	2015204014
	CN	ZL201710047719.4
	CN	ZL201710047431.7
	CN	ZL201580003387.9
	CN	ZL201180014667.1
	EP	3089827
	EP	2547456
	EP	2550416
Others	Pending	
Dura-Flo Supply Pumps	US	9677550
	US	9677549
	US	8857467
	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730

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Product	Country	Patent #
Dyna-Star Pumps	US	11015497
	US	9920879
	US	9618156
	US	9458966
	AU	2014305921
	AU	2014305913
	BR	BR112016002332-3
	CN	ZL201480043782.5
	CN	ZL201480042935.4
	EP	3414532
	EP	3030761
	JP	6486357
	JP	6334701
	KR	10-2133734
	RU	2663367
	RU	2659695
	ZA	2018/4620
	ZA	2016/0390
	Others	Pending
EFR	US	10072652
	US	9162866
	US	8392028
	CN	ZL201280043742.1
	CN	ZL201180031187.6
	EP	2753832
	EP	2585222
	EP	2136928
	JP	6124895
	JP	5775575
	KR	10-1893630
	KR	10-1866587
	MX	324694
	RU	2633304
	RU	2571750
eTensifier	US	11454224
	CN	ZL20191033819.X
	EP	3561300
	Others	Pending
Easy Level	US	8756991

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Product	Country	Patent #
EasyMax	US	11446690
	US	11446389
	US	10919060
	US	9914141
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9016599
	US	8596555
	US	9010658
	US	D651,691
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL201410198809.X
	CN	ZL201180007662.6
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201410095051.7
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001275374
	EP	3597305
	EP	2865451
	EP	2865450
	EP	2865449
	EP	2777823
	EP	2528694
	EP	2427273
	EP	2349584
	GB	9001276374
	KR	10-1837784
	KR	10-1694597
	MX	351912
	MX	343150
MX	319555	
TW	I577455	
TW	I531414	
TW	I520786	
Others	Pending	

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Product	Country	Patent #
EcoQuip Dual Control Dead Man System	US	9962810
	US	8936042
	Others	Pending
EcoQuip Wet Abrasive Blasting Unit	US	10076823
	US	9925642
	US	9737974
	US	9393672
	US	8986074
	US	D706317
	US	D669922
	US	D659595
	Others	Pending
EcoQuip 2 / EQ2	US	D706317
	US	D669922
	US	D659595
	US	10875151
	US	10434630
	US	10076823
	US	9962810
	US	9925642
	US	9677550
	US	9677549
	US	9393672
	US	8986074
	US	8936042
	US	8857467
	AU	2016291680
	AU	2010249638
	CN	ZL201680041518.7
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
KR	10-1623229	
RU	2505730	
Others	Pending	

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Product	Country	Patent #
Edge Gun	US	8789770
	US	7950598
	US	7971806
	US	D604,393
	AU	2009333876
	CN	ZL200980148126.0
	CN	ZL200980148127.5
	CN	ZL200980146083.2
	EP	2382051
	EP	2382050
	EM	001147813
	EP	2340128
	GB	9001147813
	TW	I465293
	E-Flo	US
US		8392082
CN		ZL201280043742.1
EP		2753832
EP		2150782
JP		6124895
KR		10-1893630
RU		2633304
E-Flo 4 Ball Pumps	US	8857467
	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
	Others	Pending
E-Flo DC	US	8392082
	US	8066491
	US	D589,878
	EP	3812849
	EP	2150782
	Others	Pending

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Product	Country	Patent #
E-Flo SP	US	8392082
	EP	2150782
Electric Waterproofing Sprayer	US	D733840
Electrostatic Guns	US	D757214
	US	10847966
	CN	ZL201680047767.7
	CN	ZL201530152706.5
	EM	002726208
	GB	9002726208
	IN	272841
	JP	7064530
	KR	10-2349887
	KR	30-839627
	TW	D175009
Others	Pending	
EM Series Meters	US	D855671
	CN	ZL201830494763.5
	EM	005618196
	GB	9005618196
	JP	1630047
	KR	30-1015578
	RU	114726
Endura-Flo	US	10184577
	US	9677550
	US	9677549
	US	8857467
	AU	2010249638
	CN	ZL201910264871.7
	CN	ZL201680023127.2
	CN	ZL201080020282.X
	EP	3550144
	EP	3289254
	EP	2433042
	JP	6714013
	JP	5639643
	KR	10-1623229
	RU	2505730
	Others	Pending



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Product	Country	Patent #
Endurance Vortex Piston Pumps	US	D896280
	AU	201913374
	CN	ZL201930337726.8
	EM	006582771
	GB	9006582771
	IN	319680-001
	KR	30-1046499
	TW	D205026
	Others	Pending
EP Gun	US	8939328
	US	D619,439
	CN	ZL200980116325.3
	EP	2274568
	JP	5420642
ExactaBlend	US	10245607
	US	10162370
	CN	ZL201480022820.9
	EP	3119526
	EP	2988879
E-Z Fitting	US	10307805
	AU	2015301069
	CN	ZL201580041793.4
	EP	3177410
	US	10307805
FFLP Tips	US	11292015
	US	10525486
	US	9675982
	AU	2019201036
	AU	2014318383
	CN	ZL201911162071.0
	CN	ZL201910514791.2
	CN	ZL201480050526.9
	EP	3046681
	Others	Pending

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Product	Country	Patent #
FinishPro	US	11319947
	US	10634132
	US	10589301
	US	10465678
	US	10371145
	US	9149820
	AU	2017200739
	AU	2017200196
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL2018100610975
	CN	ZL201710063467.4
	CN	ZL201710027987X
	EP	3351309
	EP	3203067
	EP	2136928
Others	Pending	
FinishPro II	US	11319947
	US	10634132
	US	10371145
	US	9149820
	US	7971806
	AU	2017200196
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL201710027987X
	CN	ZL200920148127.5
	EP	2382050
	EP	2136928
	US	10371145
FinishPro GX19	US	D794754
	US	11319947
	US	10634132
	US	10465678
	US	10371145
	US	9149820
	AU	2017200196
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL201710063467.4

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Product	Country	Patent #
FinishPro GX19 (continued)	CN	ZL201710027987X
	CN	ZL2016303078718
	CN	ZL2016303087416
	CN	ZL201630308688X
	EM	003294370
	EP	3203067
	EP	2136928
	GB	9003294370
	Others	Pending
FRP Proportioner	US	D629,174
Fusion AP (Air Purge)	US	RE46291
	AU	2003301667
	AU	2008200937
	CN	ZL200910132577.7
	CN	ZL200710181216.2
	CN	ZL200380101833.7
	EP	1556172
	JP	4331721
	KR	10-1028274
	TW	I288661
Fusion CS (Clear Shot)	US	9381533
	US	8939328
	US	8807462
	US	8297531
	US	8182614
	US	D588,231
	US	RE46291
	AU	2009238465
	AU	2008298911
	AU	2003301667
	AU	2008200937
	CN	ZL200980116325.3
	CN	ZL200880106295.3
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	CN	ZL200910132577.7
CN	ZL200380101833.7	
CN	ZL200710181216.2	

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Product	Country	Patent #
FUSION CS (continued)	EP	2274568
	EP	2280790
	EP	2195117
	EP	1556172
	JP	5694918
	JP	5420642
	JP	5406190
	JP	4331721
	KR	10-1028274
	TW	I453070
	TW	I288661
Fusion MP (Mechanical Purge)	US	RE46291
	AU	2003301667
	AU	2008200937
	CN	ZL200910132577.7
	CN	ZL200380101833.7
	CN	ZL200710181216.2
	EP	1556172
	JP	4331721
	KR	10-1028274
	TW	I288661
Fusion PC	US	11541405
	US	11413635
	US	11173507
	US	RE46291
	US	D972077
	US	D956925
	US	D946113
	US	D933160
	US	D933159
	US	D926923
	US	D922521
	US	D920471
	US	D904565
	US	D904563
	US	D904562
	AU	2003301667
	AU	2008200937
	BR	BR302020000189-3
	BR	BR302020000186-9

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Product	Country	Patent #
Fusion PC (continued)	CA	203212
	CA	203211
	CA	194266
	CA	192467
	CN	ZL202030034045.7
	CN	ZL202030034044.2
	CN	ZL202030033457.9
	CN	ZL200910132577.7
	CN	ZL200710181216.2
	CN	ZL200380101833.7
	EM	007533021
	EM	007533013
	EM	'007533005
	EP	1556172
	GB	9007533021
	GB	9007522013
	GB	9007533005
	IN	326136-001
	IN	326135-001
	IN	325140-001
	IN	326139-001
	IN	326138-001
	IN	326137-001
	IN	326135-001
	IN	326134-001
	JP	4331721
	KR	30-1101492
	KR	30-1101491
	KR	30-1101490
	KR	30-1101489
	KR	30-1101488
	KR	30-1101487
	KR	30-1101486
KR	30-1084878	
KR	10-1028274	
TW	I288661	
TR	2020 00382	
TR	2020 00378	
TR	2020 00373	
Others	Pending	

Graco Patent List

Product	Country	Patent #	
G3	US	10781971	
	US	10774988	
	US	1073179	
	US	10527228	
	US	10167862	
	US	9611840	
	US	9388696	
	AU	2020201869	
	AU	2016252858	
	AU	2016250783	
	AU	2016250782	
	AU	2011256842	
	BR	BR112012029260.9	
	CN	ZL202010179172.5	
	CN	ZL201680023459.0	
	CN	ZL201680023510.8	
	CN	ZL201680023483.4	
	CN	ZL201680023449.7	
	CN	ZL201180024803.5	
	CN	ZL201180024749.4	
	EP	3739255	
	EP	3286485	
	EP	3286484	
	EP	3286482	
	EP	2572107	
	KR	1848524	
	RU	2558735	
	Others	Pending	
	G-MINI	US	10167862
		US	9388696
AU		2011526842	
BR		BR112012029260.9	
CN		ZL201180024803.5	
EP		2572107	
KR		1848524	
RU		2558735	
Others		Pending	
GBL-7500	US	9803631	
	US	9803631	
Geo Blaster	US	10245702	
	CN	ZL201580049939.X	

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Product	Country	Patent #
GH (Gas Hydraulic) Airless Sprayers	US	9068567
GMAX	US	9073072
	US	9068567
	AU	2009335126
	CN	ZL200980152468.X
	EP	2419669
	EP	2384244
Graco Supply Systems (All)	US	9677550
	US	9677549
	US	8392082
	US	D590,122
	US	8299373
	EP	2050782
Grease Jockey	US	10788132
	Others	Pending
GX19, GXFF	US	11319947
	US	10961668
	US	10634132
	US	10594188
	US	10465678
	US	D794754
	AU	2017200739
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL201710063467.4
	CN	ZL201710027987X
	CN	ZL201710042640.2
	CN	ZL201480048216.3
	EM	3294370
	EP	3203067
	EP	3196358
	EP	3042441
	GB	9003294370
	Others	Pending

Graco Patent List

Product	Country	Patent #
GX21	US	11319947
	US	10961668
	US	10634132
	US	19594188
	US	10465678
	US	D794162
	AU	2017200739
	AU	2017200180
	AU	202210844
	CN	ZL2019106226974
	CN	ZL201710063467.4
	CN	ZL201710027987X
	CN	ZL201710042640.2
	CN	ZL201480048216.3
	EM	008854145
	EP	3196358
	EP	3203067
	EP	3042441
	GB	6190582
	Others	Pending
Handheld Spray Gun with Pressurized Hopper	US	D876,485
	US	D854123
	US	D847303
	US	11052412
	US	10843211
	CN	ZL2019100721722
	CN	ZL2019100711538
	CN	304899110
	CN	304898968
	CN	304885488
	EM	005507654
	EM	005507621
	EM	005507605
	EP	3517215
	EP	3517213
	GB	9005507621
	GB	9005507654
GB	9005507605	
Others	Pending	



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Product	Country	Patent #
Harrier Electronic Injection Rate Controller	US	10753356
	AU	2016257653
	Others	Pending
Harrier Remote Pump Control	US	10356085
	AU	2016257654
	Others	Pending
HFR	US	8329028
	US	8299373
	US	8249437
	US	7822326
	US	D651,533
	US	D328,967
	US	D590,122
	CN	ZL200580004155.1
	EP	2150782
	EP	1718903
	KR	1290066
	RU	2359181
	Others	Pending
HighFlo 4-Ball Pumps	US	9677550
	US	9677549
	US	8857467
	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
High Torque Electric Motors	US	11473576
	US	11193486
	US	9618003
	US	9509181
	US	9360020
	US	9236773
	US	9006951
	US	8994243

(Continued next page)

Graco Patent List

Product	Country	Patent #
High Torque Electric Motors (continued)	US	8970205
	US	8952590
	US	8854171
	US	8836196
	US	8760023
	US	8749108
	US	8415848
	US	8405275
	US	8395291
	US	8242658
	US	8222786
	US	8193679
	US	8053944
	US	8030819
	US	7994678
	US	7973446
	US	7868508
	US	7851965
	US	7800275
	EP	3080895
	EP	2686939
	EP	2641316
EP	2548289	
	Others	Pending
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HIP PT2020		Pending
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HTX 2030 (TexSpray)		
	US	D782620
	US	11,440,038
	US	11406995
	US	8683868
	CN	ZL201921997037.0
	CN	ZL201921952431.2
	CN	ZL201921952259.0
	CN	ZL2019111270505
	CN	ZL2019111003400
	CN	ZL201080013401.0
	EP	3685923
	EP	2411159
	Others	Pending

Graco Patent List

Product	Country	Patent #
Husky (all models)	US	D782541
	US	10161393
	US	10072650
	US	9784265
	US	9777722
	US	9777721
	US	9638185
	US	9464630
	US	8857467
	AU	2019202483
	AU	2014381625
	AU	2014381624
	CN	ZL201810016947.X
	CN	ZL201510789620.2
	CN	ZL201480074993.9
	CN	ZL201480074808.2
	CN	ZL201080022082.X
	EP	3102828
	EP	3102829
	EP	2572082
	EP	2433042
	JP	6574189
	JP	6495309
	JP	5639643
	KR	10-2230396
	KR	10-1922319
	KR	10-1623229
	RU	2505730
	Others	Pending
	Husky 1050	US
US		10514027
US		10161393
US		9784265
US		9777721
US		9677550
US		9677549
US		9464630
US		9291158
US		9003949
US		8857467
US		8066491

(Continued next page)

## Graco Patent List

Product	Country	Patent #
Husky 1050 (continued)	AU	2019202483
	AU	2-14391625
	AU	2014363961
	AU	2010249638
	CN	ZL201810016947.X
	CN	ZL201510789620.2
	CN	ZL201480062578.8
	CN	ZL201480074996.9
	CN	ZL201080017187.6
	CN	ZL201080022082.X
	EP	3102828
	EP	2572082
	EP	2433042
	EP	2422090
	JP	6574189
	JP	5639643
	JP	5615348
	KR	10-2230396
	KR	10-1623229
	RU	2505730
TW	I558915	
	Others	Pending
Husky 1050 (Plastic)	US	D782541
	US	10161393
	US	9784265
	US	9777721
	US	9291158
	AU	2019202483
	AU	2014381625
	CN	ZL201810016947.X
	CN	ZL201480074996.9
	CN	ZL201080017187.6
	EP	3567251
	EP	3102828
	EP	2422090
	JP	6574189
	JP	5615348
	KR	10-2230396
	TW	I558915
	Others	Pending

Graco Patent List

Product	Country	Patent #
Husky E-Series	US	10072650
	US	9777722
	US	9638185
	AU	2019202483
	AU	2014381624
	CN	ZL201480074808.2
	EP	3567251
	EP	3012829
	JP	6495309
	KR	10-1922319
HVLP	US	11135610
	US	10589301
	US	10328442
	US	D604,393
	US	D607,968
	CN	ZL2018100610975
	CN	ZL2016100605676
	CN	ZL2017100937677
	EM	001147813
	EP	3351310
	EP	3351309
	EP	3207997
	GB	9001147813
	Others	Pending
HVLP Guns	US	8789770
	US	7950598
	US	7971806
	CN	ZL200980148126.0
	CN	ZL200980148127.5
	CN	ZL200980146083.2
	EP	2340128
	EP	2982051
	EP	2982050
	TW	I465293
HydroShield (Waterborne Electrostatic Gun)	CN	ZL202011513552.4
	Others	Pending
In:Pulse Froth Pack Proportioner	US	11020767
	US	10261525
	Others	Pending

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Product	Country	Patent #
Informer	US	8392082
	EP	2150782
Injectors	US	10801667
	US	10711943
	AU	2016255520
	CN	ZL201680024617.4
	EP	3289273
InvisiPac	US	10661294
	US	10632494
	US	10555905
	US	10278921
	US	10046351
	US	9884331
	US	9814096
	US	9267647
	US	9156053
	US	9119230
	US	8893930
	US	8392082
	US	8985391
	US	D709,934
	US	D696,322
	US	8299373
	CN	104755176
	CN	ZL20181015630.7
	CN	ZL201580066414.5
	CN	ZL201580035594.2
	CN	ZL201280058224.0
	CN	ZL201280052722.0
	CN	ZL201280052622.8
	EP	3597309
	EP	3169901
	EP	2790839
EP	2771126	
EP	2150782	
Others	Pending	

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Product	Country	Patent #
InvisiPac HM50 (with feeder upgrade)	US	10661294
	US	10052650
	US	10046351
	US	9156053
	CN	ZL201280052622.8
	CN	ZL201580035594.2
	EP	3597309
	EP	3169901
	EP	2771126
InvisiPac GM 100	US	10555905
	US	10278921
	US	9884331
	US	9156053
	US	8893930
	CN	ZL201580066415.1
	CN	ZL201280062177.3
	CN	ZL201580058224.0
	CN	ZL201280052622.8
	EP	3597309
	EP	2790839
	EP	2771126
	Others	Pending
InvisiPac Pattern Control System	US	10661294
	US	10046351
	US	9156053
	CN	ZL201580035594.2
	CN	ZL201280052622.8
	EP	3597309
	EP	3169901
	EP	2771126
	Others	Pending
JetRoller	US	D753923
	US	10751749
	US	10195639
	AU	2015204014
	CN	ZL201580003387.9
	EP	3089827
	Others	Pending
KRAKN MDI		Pending

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Product	Country	Patent #
Landfill Gas Well Caps	US	9068421
Laser One (Huberg)	EP	3591379
	Others	Pending
LD Oil and Grease Pumps	US	9617844
	US	D649,561
	BR	DI7102839-0
	CN	ZL201280020370.0
	EM	001278006
	EP	2702277
	GB	9001278006
	JP	1434726
	KR	10-1945556
	KR	30-646362
	MX	37579
	MX	36520
	TW	I558918
LD Series Hose Reels	US	D637,067
LD Series Piston Pumps	US	8857467
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
LineDriver	US	8225902
ES Attachment	US	D885993
	US	11518253
	CN	ZL201930337134.6
	EM	006582797
	EP	3660216
	GB	9006582797
	Others	Pending



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Product	Country	Patent #
LineLazer	US	D818006
	US	D668686
	US	11035085
	US	10961668
	US	10882063
	US	10584452
	US	10563364
	US	10415196
	US	10392757
	US	10358781
	US	10197047
	US	10087590
	US	9764343
	US	9695557
	US	7654771
	US	7303155
	AU	2017268530
	AU	2013259463
	AU	2013259452
	AU	2006208117
	AU	201711864
	AU	334507
	CN	104271838
	CN	304301646
	CN	ZL2018100188146
	CN	ZL201810018811.2
	CN	ZL201710043876.6
	CN	ZL201710042640.2
	CN	ZL201380024467.3
	EM	004012631
	EM	002106955
	EP	3354798
	EP	3348710
	EP	3312342
	EP	3196360
	EP	3196359
	EP	3196358
	EP	2847385
	EP	2847386
	EP	1841310
	GB	9004012631002
	GB	90021069550
Others	Pending	

## Graco Patent List

Product	Country	Patent #
LineLasers with Auto-Layout Feature	EP	2152973
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LineLazer MMA	US	10669679
	EP	3530940
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Liquamelt	US	8893930
	US	8392082
	US	8299373
	US	D590,122
	EP	2798039
	EP	2150782
	Others	Pending
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Low Pressure Paint Spray Tip	US	10799894
	US	D908835
	AU	201913375
	BR	BR302019002240-0
	CN	ZL201911162071.0
	CN	ZL201930347872.3
	EM	006582789
	EP	3342487
	GB	9006582789
	TW	D205603
	Others	Pending
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LubePro Pump	US	11015595
	US	10774830
	CN	ZL201910268325.0
	CN	ZL201680087178.1
	EP	3478967
	Others	Pending
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M2K	US	D771719
	US	10670002
	US	9162866
	US	8857467
	AU	2010249638
	CN	ZL201580063588.8
	CN	ZL201530071852.5

(Continued next page)

Graco Patent List

Product	Country	Patent #
M2K (continued)	CN	ZL201530071831.3
	CN	ZL201180031187.6
	CN	ZL201080022082.X
	EM	002701680
	EP	2585222
	EP	2433042
	GB	9002701680
	IN	272098
	IN	272099
	JP	5775575
	JP	5639643
	KR	10-1866587
	KR	10-1623229
	KR	30-838088
	MX	324694
	RU	2571750
	RU	2505730
UA	108235	
Magnum Project Painter	US	10594188
	US	9016599
	US	D632,762
	CN	ZL201080020017.3
	CN	ZL201480048216.3
	EP	3042441
	EP	2427273
Magnum ProX Series, ProLTS Series	US	11319947
	US	10634132
	US	10594188
	US	D794754
	US	D794162
	US	D792946
	US	D596706
	US	D616065
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL201710027987X
	CN	ZL2016303078718
	CN	ZL2016303087416
	CN	ZL201630308688X
CN	ZL201480048216.3	

(Continued next page)

Graco Patent List

Product	Country	Patent #
Magnum ProX Series, ProLTS Series (continued)	EM	003294370
	EP	3042441
	GB	9003294370
	Others	Pending
Magnum X5	US	10594188
	US	9016599
	US	D596706
	US	D616065
	CN	ZL201080020017.3
	CN	ZL201480048216.3
	EP	3042441
	EP	2427273
Magnum X7	US	10594188
	US	9016599
	US	D596706
	US	D616065
	CN	ZL201080020017.3
	CN	ZL201480048216.3
	EP	3042441
	EP	2427273
Magnum XR	US	10594188
	CN	ZL201480048216.3
	EP	3042441
Matrix Meters	US	D594490
	US	11292710
	US	10647566
	US	10589303
	US	10376911
	US	8312785
	US	8240507
	US	8215522
	AU	2009260753
	AU	2009260754
	AU	2009260752
	CN	ZL200980132329.0
	CN	ZL200980132123.8
CN	ZL200980132124.2	
CN	ZL201880026203.5	

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Graco Patent List

Product	Country	Patent #
Matrix Meters	EP	2323946
	EP	2310813
	EP	2303764
	ID	P000082204
	ID	P000057799
	ID	P0033869
	JP	5543965
	JP	5579711
	JP	5209112
	KR	10-1783162
	KR	10-1653420
	KR	10-1571195
	MY	MY1579711
	MY	MY154607A
	RU	2773230
	RU	2658578
	RU	2654184
	RU	2529105
	RU	2499982
	RU	2494957
TW	I409445	
	Others	Pending
Merkur	US	9677550
	US	9677549
	US	8857467
	US	8066491
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
Merkur Bellows Pumps	US	9394900
	US	9188110
	CN	ZL201180019493.8
	EP	2564065
	JP	5973991
	KR	10-1829934
	TW	I526640
Mix at or Near Gun Two Component Paint Mixing Module	US	11420220
	US	10335810

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Product	Country	Patent #
NXT Air Motors	US	9677550
	US	9677549
	US	8857467
	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
NXT Air Motors (Small)	US	8857467
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
ORP115, ORP315 (QED)	US	10307805
	US	9926759
	US	9850741
	US	9062510
	AU	2015301069
	CN	ZL201580041793.4
	EP	3177410
ORP215 (QED)	US	10307805
	US	10107057
	US	9926759
	US	9850741
	US	9062510
	AU	2017208226
	AU	2015301069
	CN	ZL201710621110.3
	CN	ZL201580041793.4
	EP	3276122
	EP	3177410
	Others	Pending

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Product	Country	Patent #
P2 Gun	US	6796461
	US	7527172
	CN	ZL200480042796.1
PD2K	US	11420220
	US	11148152
	US	11045830
	US	10688509
	US	10413924
	US	10335810
	US	10300504
	US	10195622
	US	10195621
	US	10173232
	US	9901945
	US	8392082
	US	8299373
	US	D590,122
	CN	ZL201910529506.4
	CN	ZL201480039795.5
	CN	ZL201910298103.X
	CN	ZL201480040380.X
	CN	ZL201480039224.1
	CN	ZL201480038385.9
	CN	ZL201480037841.8
	CN	ZL201480034964.6
	EP	3021981
	EP	3021980
	EP	3021979
	EP	3021978
	EP	3021977
	EP	3021976
	EP	2150782
	JP	6830522
	JP	6595466
	JP	6485027
	JP	6470280
JP	6408573	
JP	6356796	
KR	10-2203992	
KR	10-2195323	

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Product	Country	Patent #
PD2K (continued)	KR	10-2195096
	KR	10-2194966
	KR	10-2180224
	KR	10-2179372
	Mix at belt manifold CN	ZL201980034746.5
	EP	3797236
	Others	Pending
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PCF Metering System	US	8392082
	US	8299373
	US	D590,122
	EP	2150782
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PerformAA Spray Guns	BR	BR 322022000035-6
	GB	6169160
	GB	6169159
	GB	6169158
	GB	6169157
	JP	1711555
	JP	1711554
	JP	1711553
	JP	1711552
	KR	30-1182813
	KR	30-1182811
	KR	30-1182809
	KR	30-1182808
	TW	D221699
	TW	D221698
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Pioneer Bright Stripe	US	10859162
	US	10428942
	US	10337614
	AU	2016277741
	AU	2016277738
	CN	ZL2019105488508
	CN	ZL2016112639388
	CN	ZL2016112613922
	EP	3187729
	EP	3187728
	Others	Pending



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Product	Country	Patent #
PFT Samba S	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10594188
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9068567
	AU	2016277741
	AU	2016277738
	CN	ZL2019111203407
	CN	ZL2019105488508
	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	CN	ZL201480048216.3
	EP	3187729
	EP	3187728
	EP	3042441
	Others	Pending
	PFT Samba XL	US
US		9068567
AU		2009335125
CN		200980142468.X
EP		2384244
PM Series Meters		Pending
PowerFill	US	D964506
	US	D955335
	US	11333137
	EM	008651871
	GB	6155073
	GB	6511072
	GB	6511071
	Others	Pending

Graco Patent List

Product	Country	Patent #
PR70	US	8392082
	US	8299373
	US	D590,122
	EP	2150782
PR-X Meter, Mix Dispense Systems		Pending
President 4-Ball Pumps	US	8857467
	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
Private Label: Ariel	US	9803631
ProBell Rotary Atomizer	US	10847966
	CN	ZL201680047767.7
	JP	7064530
	KR	10-2349887
	Others	Pending
ProConnect	US	D753188
	US	D752648
	US	D752649
	US	D747183
	US	D742927
	US	11396871
	US	11286926
	US	11035359
	US	10859162
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	AU	2016277741
	AU	2016277738

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Product	Country	Patent #
ProConnect	CN	ZL2019111203407
	CN	ZL2019105488508
	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	EM	002726182
	EM	002709246
	EM	002709220
	EP	3187729
	EP	3187728
	GB	9002726182
	GB	9002709220
	Others	Pending
	Progressive Cavity (PC) Pump for Thermal Interface Material	US
US		11371502
BR		BR302020002004-9
CN		202030215023
EM		007816335
GB		9007816335
JP		1685680
KR		30-1101493
Others		Pending
Pro Xp Electrostatic Guns (Auto)	US	D963796
	US	D956177
	US	D929539
	US	D920486
	US	D891578
	US	D757214
	US	10239070
	US	10046343
	US	9616438
	US	9610596
	US	6854667
	BR	BR302021001141-7
	BR	BR302019005851-0
		(Continued next page)

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Product	Country	Patent #
Pro Xp Electrostatic Guns (Auto) (continued)	BR	BR302019005451-5
	BR	BR302019004765-9
	CN	ZL201930668918.7
	CN	ZL20193055732.9
	CN	ZL201930545104.4
	CN	ZL201380051282.1
	CN	ZL201380051113.8
	CN	ZL201530152706.5
	CN	ZL201380051281.7
	EM	008455042
	EM	007329750
	EM	007021555
	EM	006958328
	EM	002726208
	EP	2903747
	EP	2903746
	EP	2903745
	GB	9007329750
	GB	9007021555
	GB	9006958328
	GB	9002726208
	GB	6123107
	IN	340653-0001
	IN	324155-001
	IN	323332-001
	IN	322310-001
	IN	272841
	JP	1695710
	JP	1694502
	JP	1688292
	JP	1688241
	JP	1658890
	JP	1658872
	JP	6,364,414
	JP	6,351,599
	JP	6,290,901
KR	10-2351309	
KR	10-2258333	
KR	10-2177698	
KR	10-2177695	
KR	30-1077925	
KR	30-1068478	

(Continued next page)

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Product	Country	Patent #
Pro Xp Electrostatic Guns (Auto) (continued)	KR	30-1068477
	KR	30-1064532
	KR	30-839627
	RU	2644912
	RU	2643998
	RU	2641823
	TW	I644732
	TW	I606866
	TW	I598153
	TW	I594660
	TW	D220712
	TW	D217588
	TW	D212594
	TW	D212593
	TW	D208222
	TW	D206354
	TW	D175009
	UA	118338
	UA	117110
	UA	114926
	Others	Pending
Pro Xpc Auto	US	D953796
	US	D920486
	US	D891578
	US	10847966
	US	6854667
	BR	BR302021001141-7
	BR	BR302019005451-5
	BR	BR302019004765-9
	CN	ZL20193055732.9
	CN	ZL201930545104.4
	CN	ZL201680047767.7
	CN	ZL201580027975.6
	EM	008455042
	EM	007021555
	EM	006958328
	GB	9006958328
	GB	9007021555
GB	6123107	
IN	340653-0001	
IN	323332-001	
IN	322310-001	

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Product	Country	Patent #
Pro Xpc Auto (continued)	JP	7064530
	JP	1695710
	JP	1694502
	JP	6751074
	JP	1658890
	JP	1658872
	KR	10-2351309
	KR	10-2349887
	KR	30-1077925
	KR	30-1064532
	KR	10-1934626
	TW	I693103
	TW	D220712
	TW	D217588
	TW	D208222
	TW	D206354
	Others	Pending
Pro Xp External Charge Waterborne Auto	US	D956177
	US	D929539
	BR	BR302019005851-0
	CN	ZL202080026705.4
	CN	ZL201930668918.7
	EM	007329750
	GB	9007329750
	IN	324155-001
	JP	1688292
	JP	1688241
	KR	30-1068478
	KR	30-1068477
	TW	D212594
	TW	D212593
	Others	Pending
Pro Xp External Charge Waterborne Manual	US	D956177
	US	D934383
	CN	ZL201930668718.1
	EM	'007261284
	EM	001474936
	GB	9007261284
	GB	9001474936
	IN	324152-001

(Continued next page)

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Product	Country	Patent #
Pro Xp External Charge Waterborne Manual (continued)	JP	1688291
	JP	1688240
	KR	30-1082804
	KR	30-1068476
	TW	D212596
	TW	D211049
	Others	Pending
<hr/>		
Pro Xp Electrostatic Guns (Manual)	US	D963796
	US	D920486
	US	D891578
	US	D727,466
	US	D725,743
	US	10239070
	US	10046343
	US	9610596
	US	9616438
	US	D727,466
	US	D725,743
	US	6854667
	BR	BR302021001141-7
	BR	BR302019005451-5
	BR	BR302019004765-9
	CN	ZL202080026705.4
	CN	ZL20193055732.9
	CN	ZL201930545104.4
	CN	ZL201380051282.1
	CN	ZL201380051113.8
	CN	ZL201380051281.7
	EM	008455042
	EM	007021555
	EM	006958328
	EP	2903747
	EP	2903746
	EP	2903745
	GB	9006958328
	GB	9007021555
	GB	6123107
IN	340653-0001	
IN	323332-001	
IN	322310-001	
JP	1695710	
JP	1694502	

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Product	Country	Patent #
Pro Xp Electrostatic Guns (Manual) (continued)	JP	1658890
	JP	1658872
	JP	6364414
	JP	6351599
	JP	6290901
	KR	10-2351309
	KR	10-2258333
	KR	10-2177698
	KR	10-2177695
	KR	30-1077925
	KR	30-1064532
	RU	2644912
	RU	2643998
	RU	2641823
	TW	I606866
	TW	I644732
	TW	I598153
	TW	I594550
	TW	D220712
	TW	D217588
	TW	D208222
	TW	D206354
	UA	118338
UA	117110	
UA	114926	
	Others	Pending
Pro XS Electrostatic Guns		
	US	6854667
ProControl 1KE, ProControl 1KE Plus		
	US	11492786
	US	10550552
	US	10245608
	US	8392082
	CN	ZL201580019269.7
	CN	ZL201580015670.3
	EP	3137229
	EP	3137228
	EP	2150782
	JP	6708555
	JP	6636945
	KR	10-2379338
	KR	10-2379148
Kits	US	10749426
	Others	Pending



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Product	Country	Patent #
ProControl 1KS	US	11492786
	US	10550552
	US	10245608
	US	8392082
	US	8299373
	US	D590,122
	CN	ZL201580019269.7
	CN	ZL201580015670.3
	EP	3137229
	EP	3137228
	EP	2150782
	JP	6708555
	JP	6636945
	KR	10-2379338
	KR	10-2379148
	ProMelt	US
US		8899872
US		8814467
CN		ZL201280005403.4
CN		ZL201280005594.4
EP		2665870
RU		2593510
ProMix 2KE Proportioners		US
	US	8299373
	US	D590,122
	EP	2150782
ProMix 2KS, 3KS Proportioners	US	11492786
	US	10550552
	US	10245608
	US	8392082
	US	8299373
	US	D590,122
	CN	ZL201580019269.7
	CN	ZL201580015670.3
	EP	3137229
	EP	3137228
	EP	2150782

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Product	Country	Patent #
ProMix 2KS, 3KS Proportioners (continued)	JP	6708555
	JP	6636945
	KR	10-2379338
	KR	10-2379148
ProShot	US	11446690
	US	11446389
	US	10919060
	US	9914141
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9016599
	US	9010658
	US	8596555
	US	D692,095
	US	D630,708
	US	D633,176
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL201410198809.X
	CN	ZL201180007662.6
	CN	ZL2014101984154
	CN	ZL201410199129.X
	CN	ZL201410095051.7
	CN	ZL201280005111.0
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001336671
	EM	001225825
	EP	3597305
	EP	2865451
	EP	2865450
	EP	2865449
	EP	2777823
EP	2528694	
EP	2427273	
EP	2349584	
GB	9001336671	
GB	9001225825	

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Product	Country	Patent #
ProShot (continued)	KR	10-2351309
	KR	10-1694597
	MX	351912
	MX	343150
	MX	319555
	TW	I577455
	TW	I531415
	TW	I531414
	Others	Pending
ProShot HD	US	11446690
	US	11446389
	US	11125226
	US	10919060
	US	10315787
	US	9914141
	US	9796492
	US	9732869
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9174231
	US	9016599
	US	9010658
	US	8596555
	US	D692,095
	AU	2014201325
	AU	2012328773
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL2017106763880
	CN	ZL201410198809.X
	CN	ZL201410095051.7
	CN	ZL201180007662.6
	CN	ZL201280052618.1
	CN	ZL201280069891.5
	CN	ZL201410199129.X
CN	ZL2014101984154	
CN	ZL201080020017.3	
CN	ZL200980142239.X	
EM	001336671	

(Continued next page)

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Product	Country	Patent #
ProShot HD (continued)	EP	3597305
	EP	3327234
	EP	2865451
	EP	2865450
	EP	2865449
	EP	2777823
	EP	2771127
	EP	2528694
	EP	2427273
	EP	2349584
	GB	9001336671
	KR	10-2351309
	KR	10-1694597
	MX	351912
	MX	343150
	MX	319555
	TW	I577455
	TW	I569880
TW	I531414	
	Others	Pending
ProShot Fine Finish	US	11446690
	US	11446389
	US	10919060
	US	9914141
	US	9861999
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9475073
	US	9085008
	US	9016599
	US	9010658
	US	8596555
	US	D651,691
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
CN	ZL201410199129.X	
CN	ZL201410198809.X	
CN	ZL2014101984154	

(Continued next page)

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Product	Country	Patent #
ProShot Fine Finish (continued)	CN	ZL201410095051.7
	CN	ZL201280005156.8
	CN	ZL201280005111.0
	CN	ZL201180007662.6
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001275374
	EP	3597305
	EP	2865451
	EP	2865450
	EP	2777823
	EP	2663405
	EP	2528694
	EP	2427273
	EP	2349584
	GB	9001276474
	KR	10-2351309
	KR	10-1694597
	MX	351912
	MX	343150
	MX	319555
	TW	I577455
	TW	I559981
TW	I531414	
	Others	Pending
ProShot II	US	11446690
	US	11446389
	US	10919060
	US	9914141
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9010658
	US	8596555
	US	D651,691
	US	D625,775
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL201410198809.X
CN	ZL201180007662.6	

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Product	Country	Patent #
ProShot II (continued)	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201410095051.7
	CN	ZL201280005111.0
	CN	ZL200980142239.X
	EM	001275374
	EP	3597305
	EP	2865451
	EP	2865450
	EP	2777823
	EP	2528694
	EP	2349584
	GB	9001275374
	KR	10-2351309
	KR	10-1694597
	MX	351912
	MX	343150
	MX	319555
	TW	I577455
	TW	I531415
TW	I531414	
	Others	Pending
PT2020 (HiP)		Pending
PULSE Meters		
	US	D872829
	US	D872828
	US	D861759
	US	D850505
	US	11292710
	US	11078069
	US	10843213
	US	10647566
	US	10585303
	US	10457539
	US	10442678
	CN	ZL201880065905.3
	CN	ZL201880026203.5
	CN	ZL201830537988.4
	CN	ZL201830537986.5
	CN	ZL201830537983.1
	CN	ZL201830537982.7
	EM	005653029

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Product	Country	Patent #
PULSE Meters (continued)	GB	9005653029
	ID	P000082204
	JP	1630048
	JP	1630049
	JP	1630050
	KR	30-1017814
	KR	30-1011346
	KR	30-1011345
	KR	30-1008583
	RU	2773230
	RU	2762872
	RU	117191
	RU	116477
	RU	116474
Others	Pending	
Python Pneumatic Chemical Injection Pump	US	10914304
QED Precision Control Valves	US	10307805
	US	9695945
	US	8800597
	AU	2015301069
	CN	ZL201580041793.4
	EP	3177410
QUANTM	AU	202214671
	AU	202214670
	AU	202214669
	AU	202214668
		Pending
QuikPak	US	D898880
	US	D296352
	US	D895776
	US	D385775
	US	11458605
	US	10989306
	AU	201912895
	AU	201912504
	AU	201912522
	AU	201912524
BR	BR302019002239-7	
BR	BR302019002238-9	

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Product	Country	Patent #	
QuikPak (continued)	BR	BR302019002237-0	
	BR	BR302019002235-4	
	CN	ZL2019102386358	
	CN	ZL2019102328757	
	CN	ZL201930253518.8	
	CN	ZL201930246199X	
	CN	ZL201680042361X	
	EM	006398665	
	EM	006398640	
	EP	3546747	
	EP	3546745	
	EP	3338011	
	GB	9006398640	
	GB	9006398665	
	IN	318121-001	
	IN	318120-001	
	IN	318063-001	
	KR	30-1065240	
	KR	30-1065069	
	KR	30-1065068	
	KR	30-1065067	
	RU	119799	
	TW	D205704	
	TW	D205705	
	TW	D203587	
	TW	D203588	
		Others	Pending
	Reactor 3	US	11471900
		US	11372432
US		11249498	
US		11184689	
US		11144079	
US		10890929	
US		9939822	
US		8568104	
AU		2003291660	
EP		2364952	
JP		5230057	
KR		10-1071018	
		Others	Pending



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Product	Country	Patent #
Reactor 2	US	11372432
	US	11249498
	US	11184689
	US	11144079
	US	10890929
	US	9939822
	US	8568104
	US	D713,865
	AU	2003291660
	CN	ZL201430131133.3
	EM	002478479
	EP	2364952
	GB	9002478479
	JP	5230057
	KR	10-1071018
	Others	Pending
	Reactor 2, Electric	US
US		8568104
US		7822326
US		8249437
US		8392082
US		D590,122
US		8299373
AU		2003291660
CN		ZL200580004155.1
EP		2364952
EP		2150782
EP		1718903
JP		5230057
KR		1290066
KR		10-1071018
RU		2359181
Reactor 2, Hydraulic (H25, H30, H40, H50, HXP2 and HXP3)	US	D774116
	US	D590122
	US	8568104
	US	8392028
	US	8299373
	US	8249437
	US	7822326
	AU	2003291660
		(Continued next page)

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Product	Country	Patent #
Reactor 2, Hydraulic (H25, H30, H40, H50, HXP2 and HXP3) (continued)	CN	ZL201530281012.1
	CN	ZL200580004155.1
	EM	002760330
	EP	2364952
	EP	2150782
	EP	1718903
	GB	9002760330
	IN	276431
	JP	1546766
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
Reactor 2, Integrated	US	9221669
	US	8568104
	US	7822326
	US	8249437
	US	8392028
	US	D590,122
	US	8299373
	AU	2003291660
	CN	ZL200580004155.1
	EP	2364952
	EP	2150782
	EP	1718903
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2603203
	RU	2359181
TW	I558911	
Others	Pending	
Reactor A-25, A-XP1	US	8249437
	US	7822326
	US	D661,714
	CN	ZL200580004155.1
	EP	1718903
	KR	1290066
	RU	2359181

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Product	Country	Patent #
Reactor E-10	US	9,849,475
	US	8568104
	US	8249437
	US	7822326
	AU	2003291660
	CN	ZL201380065819.X
	CN	ZL200580004155.1
	EP	1718903
	EP	2364952
	EP	2931437
	JP	6262766
	JP	5230057
	KR	10-2145377
	KR	1290066
	KR	10-1071018
	RU	2645491
	RU	2359181
Reactor E-10hp	US	9,849,475
	US	D734832
	US	8568104
	US	8249437
	US	7822326
	AU	2003291660
	CN	ZL201380065819.X
	CN	ZL201330655276.X
	CN	ZL200580004155.1
	EM	002412155
	EP	2931437
	EP	2364952
	EP	1718903
	GB	9002412155
	JP	6262766
	JP	5230057
	KR	10-2145377
KR	1290066	
KR	10-1071018	
RU	2645491	
RU	2359181	

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Product	Country	Patent #
Reactor E20, E30, EXP1, EXP2	US	8249437
	US	8568104
	US	7822326
	AU	2003291660
	CN	ZL200580004155.1
	EP	2364952
	EP	1718903
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
Reactor, Integrated (E30i, EXP2i)	US	9221669
	US	8568104
	US	8392082
	US	8299373
	US	8249437
	US	7822326
	US	D704,236
	US	D703,710
	US	D703,709
	US	D590,122
	AU	2003291660
	CN	ZL200580004155.1
	EP	2364952
	EP	2150782
	EP	1718903
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2603203
	RU	2359181
TW	I558911	
Others	Pending	
Reactor E8p	US	9810361
	US	D662,516
	US	7822326
	US	8249437
	US	8568104
	AU	2003291660
	CN	ZL200580004155.1

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Product	Country	Patent #
Reactor E8p (continued)	EP	1718903
	EP	2364952
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
Reactor Heated Hose	CN	ZL201380020624.3
	JP	6389165
	Others	Pending
Reactor, Hydraulic (H25, H40, H50, HXP2 and HXP3)	US	8249437
	US	7822326
	CN	ZL200580004155.1
	EP	1718903
	KR	1290066
	RU	2359181
Renegade	US	D904318
	US	11441551
	US	11162482
	US	10705554
	US	10656669
	CN	ZL201810401792
	EM	007952254
	EP	3396159
	GB	9007952254
	Others	Pending
RoadLazer RoadPak Striper & Accessories	US	11220797
	CN	ZL2018116273435
	EP	3505682
RS Gun	US	10213787
	US	D649,221
	US	D619,629
	CN	ZL201480006739.1
RTX2000	US	10814340
	CN	ZL201710047431.7
	Others	Pending

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Product	Country	Patent #
RTX5000	US	11035354
	US	10814340
	US	10670006
	US	D829772
	US	D790662
	US	D780892
	CN	ZL201710047719.4
	CN	ZL201710047431.7
	EM	003144583
	Others	Pending
RTX5500	US	11035354
	US	10814340
	US	10670006
	US	D829772
	US	D790662
	US	D780892
	CN	ZL201710047719.4
	CN	ZL201710047431.7
	EM	003144583
	Other	Pending
RTX Spray Gun	US	D780892
	EM	003144583
S340-e (Stucco Pump)	US	11015726
	US	10995865
	CN	ZL201680065863.4
	CN	ZL201680065764.6
	CN	ZL201680065464.8
	EP	3374638
	EP	3374637
	Others	Pending
Saniforce	US	11221029
	US	11079033
	US	10161393
	US	9784265
	US	9777721
	US	D822720
	US	D822719
	US	D822067

(Continued next page)

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Product	Country	Patent #
Saniforce (continued)	US	D780227
	US	D771714
	US	8857467
	US	D682,316
	AU	2019202483
	AU	2014381625
	AU	367133
	AU	2010249638
	CN	ZL201810016947.X
	CN	ZL201480074996.9
	CN	ZL201530452849.8
	CN	ZL201080022082.X
	CN	ZL201230099811.3
	EM	004499705
	EM	002902163
	EP	3567251
	EP	3102828
	EP	2433042
	GB	9002902163
	GB	9004499706
	IN	280085
	IN	244057
	JP	6574189
	JP	1557349
	JP	5639643
	KR	10-2230396
	KR	30-865160-1
	KR	10-1623229
	RU	2505730
	Others	Pending
SaniSpray HP	US	11319947
	US	10968903
	US	10926275
	US	10634132
	AU	2017200180
	CN	ZL2019106226974
	CN	ZL201710027987X
	Others	Pending

Graco Patent List

Product	Country	Patent #
SD Series Hose Reels	US	9139400
	AU	2011205721
	EP	2523887
	KR	10-1733831
	MY	MY-166010-A
SD Series Meters	US	D594,490
	US	8312785
	US	8240507
	US	8215522
	AU	2009260753
	AU	2009260754
	AU	2009260752
	CN	ZL200980132329.0
	CN	ZL200980132123.8
	CN	ZL200980132124.2
	EP	2323946
	EP	2310813
	EP	2303764
	ID	P000057799
	ID	P0033869
	JP	5543965
	JP	5579711
	JP	5209112
	KR	10-1783162
	KR	10-1653420
	KR	10-1571195
	MY	MY1579711
	MY	MY154607A
	RU	2658578
RU	2654184	
RU	2529105	
RU	2499982	
RU	2494957	
TW	I409445	



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Product	Country	Patent #
SDI15 Inline Meters	US	8312785
	AU	2009260754
	CN	ZL200980132329.0
	EP	2310813
	ID	P000057799
	JP	5209112
	KR	10-1571195
	MY	MY154607A
	RU	2499982
	TW	I409445
Sealed 4-Ball Lowers	US	10982665
	US	10591075
	US	10443594
	US	10344751
	CN	ZL201680074225.9
	CN	ZL201680073983.3
	CN	ZL2016800736540.X
	CN	ZL201680072555.4
	EP	3394486
	EP	3390827
	EP	3390825
	EP	3390824
	EP	3390823
	JP	6943856
	JP	6914960
	JP	6885952
	JP	6885951
JP	6853823	
Others	Pending	
Smartware Shot Dispense	US	8392028
	US	8299373
	US	D590,122
	EP	2150782
Snap Sampler (ProHydro)	US	7178415

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Product	Country	Patent #
ST Airless	US	D742927
	US	D753188
	US	D752648
	US	D747183
	CN	ZL201530111246.1
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	EM	002709220
	EM	002726182
	EM	002709246
	GB	9002726182
	GB	9002709220
	TapeLazer	
Texture Head/Pole Spray Applicator	EP	2419669
ThermoLazer	US	10514718
	US	9657447
	US	8899872
	US	D619,625
	CN	ZL201280005403.4
	EP	2665870
	JP	6437570
	RU	2593510
T-Max	US	11440038
	US	11406995
	US	10450109
	US	10456801
	US	D934918
	US	D934301
	US	D904566
	US	D822794
	US	D588230
	US	D616,064
	CN	ZL201930476616.X
	CN	ZL201921997037.0
	CN	ZL201921952431.2
	CN	ZL201921952259.0
	CN	ZL2019111270505

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Product	Country	Patent #
T-Max (continued)	CN	ZL2019111003400
	CN	ZL2018100736348
	EM	006755658
	EM	000996236
	EM	001034524
	EP	3685923
	EP	3354350
	EP	3354348
	EP	2288803
	GB	9006755658
	GB	9001034524
	GB	9000996236
	Others	Pending
	ToughTek F340-e	US
US		11015726
CN		ZL201680065863.4
CN		ZL201530380677.8
EM		002862359
EP		3374637
GB		9002862359
Others		Pending
ToughTek F680-e	US	D769414
	US	11015726
	CN	ZL201680065863.4
	EP	3374637
	Others	Pending
ToughTek F800-e	US	D851211
	US	11454224
	US	11015726
	CN	ZL201680065863.4
	EP	3374637
	Others	Pending
Tradeworks	US	D632,762
TrueCoat	US	D759199
	US	D758536
	US	D651,691
	US	D633,176

(Continued next page)

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Product	Country	Patent #
TrueCoat (continued)	US	D630,708
	US	D625,775
	US	11446690
	US	11446389
	US	11292015
	US	10919060
	US	10525486
	US	10315787
	US	10195627
	US	9968954
	US	9914141
	US	9861999
	US	9815077
	US	9808817
	US	9796492
	US	9675982
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9475073
	US	9174231
	US	9085008
	US	9016599
	US	9010658
	US	8596555
	AU	2019201036
	AU	2015206217
	AU	2014318383
	AU	2012328773
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL201910514791.2
	CN	ZL2017106763880
	CN	ZL2015800221026
	CN	ZL201580005226.3
	CN	ZL201580004968.4
	CN	ZL2015800032594
	CN	ZL201530222177.1
CN	ZL201480050526.9	
CN	ZL201410199129.X	
CN	ZL201410198809.X	

(Continued next page)

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Product	Country	Patent #
TrueCoat (continued)	CN	ZL2014101984154
	CN	ZL201410095051.7
	CN	ZL201280052618.1
	CN	ZL201280005156.8
	CN	ZL201280005111.0
	CN	ZL201180007662.6
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001225825
	EM	001275374
	EP	3597305
	EP	3137227
	EP	3096890
	EP	3096889
	EP	3046681
	EP	2865451
	EP	2865450
	EP	2865449
	EP	2777823
	EP	2771127
	EP	2663405
	EP	2528694
	EP	2427273
	EP	2349584
	GB	9001275374
	GB	9001225825
	KR	10-2351309
	KR	10-1694597
	MX	351912
	MX	343150
	MX	319555
	TW	I577455
	TW	I569880
TW	I559981	
TW	I531415	
TW	I531414	
Others	Pending	

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Product	Country	Patent #
TrueCoat Fine Finish	US	11446690
	US	11446389
	US	10919060
	US	9914141
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9016599
	US	8596555
	US	9010658
	US	D651,691
	AU	2014201325
	AU	2009308070
	CN	ZL2019106884494
	CN	ZL201410198809.X
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201410095051.7
	CN	ZL201280005111.0
	CN	ZL201180007662.6
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001275374
	EP	3597305
	EP	2865451
	EP	2865450
	EP	2865449
	EP	2777823
	EP	2528694
	EP	2427273
	EP	2349584
	GB	9001275374
KR	10-2351309	
KR	10-1694597	
MX	351912	
MX	343150	
MX	319555	
TW	I577455	
TW	I531414	
Others	Pending	

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Product	Country	Patent #
Ultimate Airless Handheld	US	D857162
	US	D844106
	US	D814610
	US	D759199
	US	D625775
	US	11512694
	US	11446690
	US	11446389
	US	11371492
	US	11002271
	US	10919060
	US	10514030
	US	10422325
	US	10315787
	US	10195627
	US	9968954
	US	9815077
	US	9796492
	US	9174231
	US	9016599
	AU	2015206217
	AU	2012328773
	BR	BR1020180032844
	CN	ZL2020105353607
	CN	ZL2019105194152
	CN	ZL2018101541686
	CN	ZL201710829337.7
	CN	ZL2017106763880
	CN	ZL201580005226.3
	CN	ZL2015800032594
	CN	304288165
	CN	ZL201530222177.1
	CN	ZL201580004968.4
	CN	ZL201080020017.3
	CN	ZL201280052618.1
	EM	004012623
	EP	3597305
	EP	3364025
	EP	3296021
	EP	3096890
	EP	3096889
	EP	2865450

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Product	Country	Patent #
Ultimate Airless Handheld (continued)	EP	2771127
	EP	2427273
	EP	2349584
	GB	9004012623
	TW	I569880
	Others	Pending
Ultra 395	US	D925701
	US	D925700
	US	D896280
	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	11612694
	US	11396871
	US	11385663
	US	11385662
	US	11286926
	US	11226643
	US	11163323
	US	11035359
	US	11002271
	US	11020761
	US	10969805
	US	10859162
	US	10514030
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9068567
	US	9027849
	AU	201913374
	AU	2016277741
	AU	2016277738
BR	BR1020180032844	
CN	ZL2020105353607	
CN	ZL2020100314470	
CN	ZL2019111203407	
CN	ZL2019105488508	
CN	ZL201930368899.6	

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Product	Country	Patent #
Ultra 395 (continued)	CN	ZL201930337726.8
	CN	ZL2018101541686
	CN	ZL201580063494.0
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111246.1
	CN	ZL201530111358.7
	EM	006589701
	EM	006582771
	EM	002726182
	EM	002709246
	EM	002709220
	EP	3364025
	EP	3187729
	EP	3187728
	GB	9006589701
	GB	9006582771
	GB	9002726182
	GB	9002709220
	IN	319608-001
	KR	30-1046499
	TW	D205026
	Others	Pending
	Ultra 490 or 495	US
US		D925700
US		D896280
US		D753188
US		D752648
US		D747183
US		D742927
US		11512694
US		11396871
US		11385663
US		11385662
US		11286926
US		11226643
US		11163323
US		11035359

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Product	Country	Patent #
Ultra 490 or 495 (continued)	US	11020761
	US	11002271
	US	10969805
	US	10859162
	US	10514030
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9729077
	US	9068567
	US	9027849
	AU	201913374
	AU	2016277741
	AU	2016277738
	BR	BR1020180032844
	CN	ZL2020105353607
	CN	ZL2020100314470
	CN	ZL2019111203407
	CN	ZL2019105488508
	CN	ZL201930368899.6
	CN	ZL201930337726.8
	CN	ZL2018101541686
	CN	ZL201580063494.0
	CN	ZL2016800061040
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL2015800634936
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	EM	006589701
	EM	006582771
	EM	002726182
	EM	002709246
	EM	002709220
	EP	3364025
EP	3245690	
EP	3187729	
EP	3187728	

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Product	Country	Patent #
Ultra 490 or 495 (continued)	GB	9006589701
	GB	9006582771
	GB	9002726182
	GB	9002709220
	IN	319680-001
	KR	30-1046499
	TW	D205026
	Others	Pending
Ultra 595	US	D925701
	US	D925700
	US	D896280
	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	11512694
	US	11396871
	US	11385663
	US	11385662
	US	11286926
	US	11226643
	US	11163323
	US	11035359
	US	11020761
	US	11002271
	US	10969805
	US	10859162
	US	10514030
	US	10502206
	US	10428942
	US	10337614
	US	10094375
	US	10077771
	US	9068567
	US	9027849
	AU	201913374
	AU	2016277741
	AU	2016277738
BR	BR1020180032844	
CN	ZL2020105353607	
CN	ZL2020100314470	
CN	ZL2019111203407	

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Product	Country	Patent #
Ultra 595 (continued)	CN	ZL2019105488508
	CN	ZL201930368899.6
	CN	ZL201930337726.8
	CN	ZL2018101541686
	CN	ZL2016112639388
	CN	ZL2016112613922
	CN	ZL201580063507.4
	CN	ZL201580063494.0
	CN	ZL2015800634936
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111246.1
	CN	ZL201530111358.7
	EM	006589701
	EM	006582771
	EM	002726182
	EM	002709246
	EM	002709220
	EP	3364025
	EP	3187729
	EP	3187728
	GB	9006589701
	GB	9006582771
	GB	9002726182
	GB	9002709220
	IN	319680-001
	KR	30-1046499
	TW	D205026
	Others	Pending
	Ultra Cordless Airless Handheld	US
US		D844106
US		D814610
US		D759199
US		D625775
US		11446690
US		11446389
US		11396871
US		11371492
US		11323051
US		11286926
US		11007545
US		11035359

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Product	Country	Patent #
Ultra Cordless Airless Handheld (continued)	US	10919060
	US	10502206
	US	10422325
	US	10315787
	US	10195627
	US	9968954
	US	9815077
	US	9796492
	US	9174231
	US	9016599
	AU	2015206217
	AU	2012328773
	CN	ZL201910519415.2
	CN	ZL201710829337.7
	CN	ZL2017106763880
	CN	ZL201680004968.4
	CN	ZL201580063494.0
	CN	ZL201580005226.3
	CN	ZL2015800032594
	CN	ZL201530222177.1
	CN	ZL201280052618.1
	CN	ZL201080020017.3
	CN	304288165
	EM	004012623
	EP	3597305
	EP	3568238
	EP	3296021
	EP	3096890
	EP	3096889
	EP	2865450
EP	2771127	
EP	2427273	
EP	2349584	
GB	9004012623	
TW	I569880	
Others	Pending	
Ultra Max Cordless Airless Handheld	US	D857162
	US	D844106
	US	D814610
	US	D759199
	US	D625775

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Product	Country	Patent #
Ultra Max Cordless Airless Handheld (continued)	US	11446690
	US	11446389
	US	11371492
	US	11323051
	US	11007545
	US	10919060
	US	10422325
	US	10315787
	US	10195627
	US	9968954
	US	9914141
	US	9861999
	US	9815077
	US	9796492
	US	9475073
	US	9174231
	US	9085008
	US	9016599
	AU	2015206217
	AU	2012328773
	CN	ZL201910519415.2
	CN	ZL201710829337.7
	CN	ZL2017106763880
	CN	ZL201580005226.3
	CN	ZL2015800032594
	CN	304288165
	CN	ZL201580004968.4
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	CN	ZL201080020017.3
	CN	ZL201280052618.1
	CN	ZL201280005156.8
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	EM	004012623
	EP	3597305
EP	3568238	
EP	3296021	
EP	3096890	
EP	3096889	
EP	2865450	
EP	2771127	
EP	2663405	
EP	2427273	
EP	2349584	

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Product	Country	Patent #
Ultra Max Cordless Airless Handheld (continued)	GB	9004012623
	TW	I569880
	TW	I559981
	Others	Pending
Ultra Max	US	D896280
	US	9729077
	US	9073072
	US	9068567
	AU	201913374
	AU	2009335126
	CN	ZL201930337726.8
	CN	ZL2016800061040
	CN	ZL200980152468.X
	EP	3245698
	EP	2419669
	EP	2384244
	EM	006582771
	GB	9006582771
	IN	319680-001
	KR	30-1046499
	TW	D205026
Others	Pending	
USP Valves	US	9062783
Viscount 4-Ball Pumps	US	8066491
	US	D589,878
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
VPM Metering Systems	US	9181943
	US	8392028
	US	8299373
	US	D520,122
	US	D328,967
	EP	2150782

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Product	Country	Patent #
VRM Metering System	US	9181943
	US	8392028
	US	8299373
	US	D590,122
	US	D328,967
	EP	2150782
Warm Melt	US	8299373
	US	D590,122
	EP	2150782
Wolverine Electric Chemical Injection Pump	US	11053936
	US	10704539
	US	10302080
	AU	2016258893
	AU	2016258571
	Others	Pending
XD Series Hose Reels	US	9656833
	US	9617114
	US	9322429
	US	9139400
	AU	2014278153
	AU	2014203984
	AU	2011205716
	AU	2011205721
	CN	ZL201480003938.7
	CN	ZL201180006066.6
	EP	3008005
	EP	2523888
	EP	2523887
	KR	10-1733831
	KR	10-1663856
	MY	MY-166010-A
	TW	I529115
Others	Pending	



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Product	Country	Patent #
XForce HD	US	D759199
	US	D692095
	US	D625775
	US	11446690
	US	11446389
	US	11125226
	US	10919060
	US	10315787
	US	10195627
	US	9861999
	US	9796492
	US	9732869
	US	9604235
	US	9517479
	US	9475073
	US	9174231
	US	9085008
	US	9016599
	US	8596555
	AU	2014201325
	AU	2012328773
	AU	2009308070
	CN	ZL2017106763880
	CN	ZL201580005226.3
	CN	ZL201530222177.1
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201280069891.5
	CN	ZL201280052618.1
	CN	ZL201280005156.8
	CN	ZL201280005111.0
	CN	ZL201080020017.3
	CN	ZL200980142239.X
	EM	001336671
	EP	3597305
	EP	3327324
	EP	2865451
	EP	2865449
	EP	2771127
	EP	2663405
EP	2427273	
EP	2349584	

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## Graco Patent List

Product	Country	Patent #
XForce HD (Continued)	GB	9001336671
	JP	5739340
	KR	10-1694597
	MX	351912
	MX	319555
	TW	I577455
	TW	I569880
	TW	I531415
	TW	I531414
	TW	I559981
	Others	Pending
XL Air Motor	US	D891373
	US	D786794
	US	11306590
	US	9677550
	US	9677549
	CN	ZL201980008375.3
	CN	ZL201530312037.3
	EM	002821793
	EM	002821793
	EP	374356
	GB	9002821793
	IN	276432
	JP	1549988
	KR	30-843008
	Others	Pending
XM Plural Component Sprayers	US	9010367
	US	8299373
	US	D590,122
	EP	2150782
	EP	2411880
XM PFP	US	9010367
	EP	2411880
XM Proportioners	US	9010367
	US	8392082
	EP	2150782
	EP	2411880
XP Pressure Monitor	US	8392028
	EP	2150782

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Product	Country	Patent #
XP Proportioners	CN	ZL201180031187.6
	EP	2585222
	JP	5775575
	KR	10-1866587
	MX	324694
	RU	2571750
Xtreme Sprayers	US	9677550
	US	9677549
Xtreme XL Sprayers	US	D786795
	CN	ZL201530312037.3
	EM	002821793
	GB	9002821793
	IN	276432
	JP	1549988
	KR	30-843008
	Others	Pending
Xtreme Z25/Z45	US	D733840