

## Graco Patent List

Product	Country	Patent #
190	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	6183225
	US	6212998
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL98126088.8
	EM	2726182
	EM	2709246
	EM	2709220
	EP	0927823
	KR	10-0647761
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
Others	Pending	
390	US	D742927
	US	D753188
	US	D752648
	US	D747183
	US	6183225
	US	6212998
	CN	ZL201530111246.1
	CN	ZL201530111358.7
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL98126088.8
	EM	2709246
	EM	2709220
	EM	2726182
	EP	0927823
	KR	10-0647761
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
Others	Pending	

## Graco Patent List

Product	Country	Patent #
Advanjet Jetting Valves	US	9457372
	US	9254642
	US	8757511
	Others	Pending
Agitator Speed Controller	US	9470232
	EP	2694817
	TW	I523406
		Pending
Airlessco GS950		Pending
Airlessco Guns	US	6264115
	US	6390386
Airlessco HSS9950	US	9073072
	US	6212998
	US	6183225
	AU	2009335126
	CN	200980152468.X
	CN	98126088.8
	EP	2384244
	EP	0927823
	KR	10-0647761
TW	I503180	
Airlessco LP555 or LP655	US	D803983
	US	9068567
	US	9027849
	CN	20173000083333
	Others	Pending
Airlessco MP455	US	D803982
	US	9068567
	CN	20173000083348
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Airlessco SL1250 or TS1750	US	D806212
	US	9073072
	US	9068567
	US	6212998
	US	6183225
	AU	2009335126
	CN	201730088890.0
	CN	200980152468.X
	CN	98126088.8
	EM	003845114
	EP	2384244
	EP	0927823
	KR	10-0647761
	TW	I503180
Airlessco SureStripe or 3350		Pending
Alco Valves Alco-Lok Compression Fittings		Pending
Alco Valves Hi-Tek Double Block and Bleed Valves		Pending
Alco Valves Twin-Block Valves	US	6220290
	EP	1038132
Alco Valves Twin-Blok 3 (TB3)	US	9303774
	US	7699074
	EP	1618325
	Others	Pending
AllPro Mustang 4850	US	9068567
	Others	Pending
AllPro Mustang 5150 or 8100	US	9068567
	US	9027849
	Others	Pending

Graco Patent List

Product	Country	Patent #
AllPro Mustang 8150	US	9073072
	US	9068567
	US	6212998
	US	6183225
	AU	2009335126
	CN	200980152468.X
	CN	98126088.8
	EP	2384244
	EP	0927823
	KR	10-0647761
	TW	I503180
APEX Pumps	US	6662970
ASM 52159	US	9068567
	Others	Pending
ASM 2550	US	9068567
	US	9027849
	Others	Pending
ASM 3150 or 3750	US	9073072
	US	9068567
	US	6212998
	US	6183225
	AU	2009335126
	CN	200980152468.X
	CN	98126088.8
	EP	2384244
	EP	0927823
	KR	10-0647761
	TW	I503180
Big Rig Pumps	US	6925926
CanConnect	US	9795978
	US	9764346
		Pending

## Graco Patent List

Product	Country	Patent #
Check-Mate	US	8549987
	AU	2008292802
	CN	ZL200880101918.8
	EP	2188553
	JP	5318104
	Others	Pending
ChemSafe	US	9874206
	US	9004881
	JP	6189935
	TW	I593885
	TW	I519712
	Others	Pending
CleanShot Accessory	US	6619569
Contractor gun	US	8272621
	US	6702198
	AU	2008266687
	CN	ZL200880019692.7
	EP	2167858
	JP	5368435
	KR	10-1461258
	RU	2469801
	TW	I430844
DataTrak	US	8066491
	AU	2006275866
	CN	ZL200680027833.0
	EP	1910678
	JP	4933545
	KR	10-1190316
	MX	288524
	RU	2394171
	TW	I365944
	UA	90351
Others	Pending	
Diaphragm Kits	US	8887620

Graco Patent List

Product	Country	Patent #
Diesel Exhaust Fluid (DEF) Inline Meters	US	8312785
	AU	2009260754.00
	CN	200980132329.00
	JP	5209112
	KR	10-1571195
	MY	MY154607A
	RU	2499982
	TW	I409445
	Others	Pending
Drywall Feed Pumps	US	D790662
	US	9481000
	US	D753923
	US	8887965
	US	8826961
	US	8783332
	AU	2011227329
	CN	303900391
	CN	ZL201180014667.1
	CN	ZL201180046836.X
	EM	003147412
	EP	2547456
	EP	2550416
	Others	Pending
	Dura-Flo Supply Pumps	US
US		9677549
US		8857467
US		8066491
US		8568112
US		D589,878
AU		2010202832
AU		2010249638
AU		2006275866
AU		2006275892
AU		2006275975
CN		ZL201010193410.4
CN		ZL201080022082.X
CN		ZL200680027760.5
CN		ZL200680027833.0
CN	ZL200680027923.X	

(Continued)

## Graco Patent List

Product	Country	Patent #
Dura-Flo Supply Pumps (Continued)	EP	2426387
	EP	2273114
	EP	2433042
	EP	1907806
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5748423
	JP	5639643
	JP	5237804
	JP	4943433
	JP	4933545
	KR	10-1623229
	KR	10-1197406
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	299980
	MX	303500
	MX	288524
	RU	2505730
	RU	2394171
	RU	2403441
	RU	2413096
	TW	I475157
	TW	I432647
	TW	D122884
	TW	I365944
	UA	59881
	UA	89254
UA	90351	
UA	94057	
	Others	Pending
Dyna-Star Pumps	US	9618156
	US	9458966
		Pending

## Graco Patent List

Product	Country	Patent #
e-Xtreme Electric Hazardous Location Sprayer	US	D803982
	US	6925926
	CN	ZL201630526464.6
	EU	003450741
	IN	287345
	JP	1569873
	KR	30-895479
	RU	103610
Earlex HVLP	US	6019293
	EP	0878239
	JP	4116692
EasyMax	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9016599
	US	8596555
	US	9010658
	US	D651,691
	AU	2014201325
	AU	2014201323
	AU	2014201322
	AU	2011209700
	CN	ZL201180007662.6
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201080020017.3
	CN	ZL201130110111.5
	CN	ZL200980142239.X
	EM	001275374
	EP	2427273
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5727464
	JP	5739340
	KR	10-1708104
KR	10-1694598	
KR	10-1667067	

(Continued)



Graco Patent List

Product	Country	Patent #
EasyMax (Continued)	MX	343150
	MX	319555
	TW	I577455
	TW	I531414
	TW	I520786
	Others	Pending
EcoQuip Dual Control Dead Man System	US	8936042
	Others	Pending
EcoQuip Wet Abrasive Blasting Unit	US	9737974
	US	9393672
	US	8986074
	US	D706,317
	US	D669,922
	US	D659,595
	Others	Pending
EcoQuip 2 / EQ2	US	9677550
	US	9677549
	US	9393672
	US	D706317
	US	D669922
	US	D659595
	US	8986074
	US	8936042
	US	8857467
	US	8568112
	US	7168856
	AU	2010202832
	AU	2010249638
	AU	2006275975
	AU	2006275892
	CN	ZL201080022082.X
CN	ZL201010193410.4	
CN	ZL200680027923.X	
CN	ZL200680027760.5	
CN	ZL00808468.8	

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Graco Patent List

Product	Country	Patent #
EcoQuip 2 / EQ2 (Continued)	EP	2433042
	EP	2273114
	EP	2426387
	EP	1910679
	EP	1907806
	EP	1192362
	IN	269956
	JP	5748423
	JP	5639643
	JP	5237804
	JP	4943433
	KR	10-1623229
	KR	10-1197406
	KR	10-1187454
	KR	10-0689946
	MX	340,667
	MX	303500
	MX	299980
	RU	2505730
	RU	2413096
	RU	2403441
	TW	1475157
	TW	1432467
	TW	163401
	UA	94057
	UA	89254
	UA	59881
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Edge Gun	US	8789770
	US	7950598
	US	7971806
	US	D604,393
	AU	2009333876
	AU	2009333870
	AU	2009335963
	CN	ZL200980148126.0
	CN	ZL200980148127.5
	CN	ZL200980146083.2
	EP	2382051
	EM	001147813
	EP	2340128
	TW	I507249
	TW	I503179
	TW	I465293
	Others	Pending
E-Flo	US	8392028
	US	8807958
	US	8568112
	AU	2008259859
	AU	2006275892
	CN	ZL201280043742.1
	CN	ZL200780035672.4
	CN	ZL200680027923.X
	EP	2426387
	EP	1910679
	IN	269956
	JP	6124895
	JP	5496086
	JP	5275995
	JP	4943433
	KR	10-1470670
	KR	10-1401849
	KR	10-1187454
	MX	340667
	MX	299980
RU	2633304	
RU	2431764	
RU	2403441	

(Continued)

## Graco Patent List

Product	Country	Patent #
E-Flo (Continued)	TW	I483584
	TW	I432467
	TW	I411728
	UA	94057
	Others	Pending
E-Flo 4 Ball Pumps	US	8857467
	US	8066491
	US	8568112
	US	D589,878
	AU	2010249638
	AU	2006275892
	AU	2006275866
	CN	ZL201080022082.X
	CN	ZL200680027923.X
	CN	ZL200680027833.0
	EP	2426387
	EP	2433042
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5639643
	JP	4947433
	JP	4933545
	KR	10-1623229
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	299980
	MX	288524
	RU	2505730
	RU	2403441
	RU	2394171
	TW	I432647
	TW	D122884
	TW	I365944
	UA	90351
UA	94057	
Others	Pending	

## Graco Patent List

Product	Country	Patent #
E-Flo DC	US	8392082
	US	8568112
	US	8066491
	US	D589,878
	AU	2008259859
	AU	2006275892
	AU	2006275866
	CN	ZL200680027923.X
	CN	ZL200680027833.0
	EP	2426387
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5496086
	JP	4943433
	JP	4933545
	KR	10-1470670
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	299980
	MX	288524
	RU	2394171
	RU	2403441
	TW	I483584
	TW	I432647
	TW	D122884
	TW	I365944
	UA	90351
	UA	94057
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Electric High Pressure Airless Sprayer	US	D742927
	US	D753188
	US	D752648
	US	D747183
	US	D733840
	US	8807958
	US	6925926
	BR	BR302014004973-9
	CN	ZL201280043742.1
	CN	ZL201530111246.1
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	CN	ZL201430355212.2
	CN	ZL200780035672.4
	EM	2709246
	EM	2709220
	EM	2726182
	IN	266027
	JP	6124895
	JP	2009-530560
	KR	30-797803
	KR	10-1401849
	RU	2633304
	RU	2431764
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
	TW	I411728
Others	Pending	
Electric Waterproofing Sprayer	US	D733840
	BR	BR302014004973-9
	CN	ZL201430355212.2
	IN	266027
	KR	30-797803
	Others	Pending

Graco Patent List

Product	Country	Patent #
Electrostatic Guns	US	D757214
	CN	ZL201530152706.5
	EM	002726208-001
	IN	272841
	KR	30-839627
	TW	D175009
	Others	Pending
Endura-Flo	US	9677550
	US	9677549
	US	8857467
	AU	2010202832
	AU	2010249638
	AU	2006275975
	CN	ZL201010193410.4
	CN	ZL201080020282.X
	CN	ZL200680027760.5
	EP	2273114
	EP	1907806
	EP	2433042
	JP	5748423
	JP	5639643
	JP	5237804
	KR	10-1197406
	KR	10-1623229
	MX	303500
	RU	2505730
	RU	2413096
TW	I475157	
UA	59881	
UA	89254	
Others	Pending	
Endurance	US	6183225
	EP	0927823
	KR	10-0647761

Graco Patent List

Product	Country	Patent #
EP Gun	US	8939328
	US	D619,439
	AU	2009244603
	CN	2.0098E+11
	EP	2274568
	JP	5420642
	TW	I535493
	Others	Pending
ExactaBlend		Pending
FFLP Tips	US	9675982
	US	6702198
	Others	Pending
FieldLazer	US	7673815
	AU	2005319204
	EP	1827710
	UA	92160
FieldLazer S90	TW	I602616
FinishPro & FinishPro II	US	9149820
	EP	2136928
	TW	I432264
	Others	Pending
FinishPro GX19	US	D794754
	US	D794162
	US	D792946
	US	9149820
	CN	ZL2016303087416
	EM	3294370
	EP	2136928
	TW	I432264
	Others	Pending



Graco Patent List

Product	Country	Patent #
FinishPro GX19	US	D794754
	US	D794162
	US	D792946
	US	9149820
	CN	ZL201630308688X
	EM	3294370
	EP	2136928
	TW	I432264
	Others	Pending
Flex Gun	US	6702198
Formula Gun	US	6824071
FRP Proportioner	US	9464630
	US	8568112
	US	D629,174
	AU	2006275892
	CN	ZL200680027923.X
	EP	2426387
	EP	1910679
	IN	269956
	JP	4943433
	KR	10-1774076
	KR	10-1187454
	MX	340667
	MX	299980
	RU	2403441
	TW	I432647
UA	94057	
Others	Pending	
FTx gun	US	6702198

Graco Patent List

Product	Country	Patent #
Fusion AP (Air Purge)	US	RE46291
	US	RE46002
	AU	152610
	AU	2003301667
	AU	2008200937
	CN	ZL200910132577.7
	CN	ZL200380101833.7
	CN	ZL200710181216.2
	EP	1556172
	JP	4331721
	KR	10-1028274
	KR	338185
	TW	I288661
	Others	Pending
	Fusion CS (Clear Shot)	US2
US		RE46291
US		RE46002
US		8939328
US		8807462
US		8297531
US		8182614
US		D588,231
AU		2009238465
AU		2009246735
AU		2009246276
AU		2009244603
AU		2008298911
AU		2008298908
AU		152610
AU		2003301667
AU		2008200937
AU		323792
CN		ZL200980116325.3
CN		ZL200880106295.3
CN		ZL200980114661.4
CN		ZL200910132577.7
CN		ZL200880106515.2
CN		ZL200380101833.7
CN		ZL200710181216.2
CN	ZL200830137605.0	

(Continued)

Graco Patent List

Product	Country	Patent #
Fusion CS (Clear Shot) (Continued)	EM	001044408
	EP	2285496
	EP	2274568
	EP	2276579
	EP	2280790
	EP	2195117
	EP	2195116
	EP	1556172
	IN	219700
	JP	5694918
	JP	5503541
	JP	5484450
	JP	5420642
	JP	5406190
	JP	1380678
	JP	4331721
	KR	10-1588068
	KR	10-1487047
	KR	10-1476486
	KR	10-1028274
	KR	30-561694
	KR	338185
	RU	2455083
	TW	I546125
	TW	I535493
	TW	I482663
	TW	I480104
	TW	I453070
	TW	D130935
	TW	I288661
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Fusion MP (Mechanical Purge)	US	RE46291
	US	RE46002
	US	7306171
	AU	152610
	AU	2003301667
	AU	2004230905
	AU	2008200937
	BR	PI04092147
	CN	ZL200910132577.7
	CN	ZL200380101833.7
	CN	ZL2004800009280.7
	CN	ZL200710181216.2
	EP	1556172
	EP	1610904
	JP	4331721
	JP	4570617
	KR	10-1028274
	KR	10-1073759
	KR	338185
	TW	I288661
	Others	Pending
G3	US	9611840
	US	9388696
	AU	2011256842
	AU	2011256843
	CN	ZL201180024803.5
	CN	ZL201180024749.4
	RU	2564155
	RU	2558735
		Others
GBL-7500	US	9803631
	CN	ZL201280055260.8
	RU	2617531
	TW	I5654903
		Pending
Geo Blaster	US	9248549
	Others	Pending

Graco Patent List

Product	Country	Patent #
GH (Gas Hydraulic) Airless Sprayers	US	9068567
	US	6183225
	US	6212998
	CN	ZL98126088.8
	EP	0927823
	KR	10-0647761
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GMAX	US	9073072
	US	9068567
	US	6183225
	US	6212998
	AU	2009335126
	AU	2010241909
	CN	ZL200980152468.X
	CN	ZL98126088.8
	EP	2419669
	EP	2384244
	EP	0927823
	KR	10-0647761
	TW	I503180
	Others	Pending
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Graco Supply Systems (All)	US	9677550
	US	9677549
	US	8549987
	US	8392082
	US	D590,122
	US	8708201
	US	8568112
	US	8544699
	US	8299373
	AU	2010202832
	AU	2008259859
	AU	2008292802
	AU	2006275975
	AU	2006275892
	CN	ZL201010193410.4
	CN	ZL200880101918.8
	CN	ZL200880019688.0
	CN	ZL20073339575.7
	CN	ZL200680027923.X
	CN	ZL201010193410.4

(Continued)

Graco Patent List

Product	Country	Patent #	
Graco Supply Systems (All) (Continued)	EP	2426387	
	EP	2273114	
	EP	2188553	
	EP	1910679	
	EP	1907806	
	IN	269956	
	JP	5748423	
	JP	5496086	
	JP	5318104	
	JP	5237804	
	JP	4943433	
	KR	10-1470670	
	KR	10-1197406	
	KR	10-1187454	
	KR	493587	
	MX	340667	
	MX	303500	
	MX	299980	
	RU	2413096	
	RU	2403441	
	TW	1483584	
	TW	1475157	
	TW	1432647	
	TW	D125127	
	UA	94057	
	UA	59881	
	UA	89254	
	Others	Pending	
	L20 5 Gallon only	US	9291160
		US	8887976
	US	8708201	
S20 5 Gallon only	US	8544699	
Grease Jockey		Pending	
GS35 Texture Sprayer	US	D501,241	
	US	D526,045	
GTX2000 Texture Sprayer	US	D502,532	
Guardian	US	D546,840	
	CN	ZL200630130159.1	

Graco Patent List

Product	Country	Patent #
Harrier Electronic Injection Rate Controller		Pending
Harrier Remote Pump Control		Pending
HFR		
	US	8329028
	US	8299373
	US	8249437
	US	7822326
	US	D651,533
	US	D328,967
	US	D627,316
	US	D593,962
	US	D590,122
	AU	2010276482
	AU	2010328641
	AU	2010276521
	AU	2008259859
	CN	ZL201080033083.4
	CN	ZL201080054375.6
	CN	ZL201080032764.9
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	CN	ZL200580004155.1
	EP	1718903
	EP	2459304
	JP	5735532
	JP	5843290
	JP	5607738
	JP	5496086
	KR	10-1470670
	KR	1290066
	KR	493587
	RU	2542254
	RU	2359181
	TW	I483584
	TW	D125,127
	UA	106760
	Others	Pending

## Graco Patent List

Product	Country	Patent #
HighFlo 4-Ball Pumps	US	9677550
	US	9677549
	US	8857467
	US	8066491
	US	8568112
	US	D589,878
	AU	2010202832
	AU	2010249638
	AU	2006275866
	AU	2006275892
	AU	2006275975
	CN	ZL201010193410.4
	CN	ZL201080022082.X
	CN	ZL200680027760.5
	CN	ZL200680027833.0
	CN	ZL200680027923.X
	EP	2426387
	EP	2273114
	EP	2433042
	EP	1907806
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5748423
	JP	5639643
	JP	5237804
	JP	4943433
	JP	4933545
	KR	10-1623229
	KR	10-1197406
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	303500
	MX	299980
	MX	288524

(Continued)



## Graco Patent List

Product	Country	Patent #
HighFlo 4-Ball Pumps (Continued)	RU	2505730
	RU	2394171
	RU	2403441
	RU	2413096
	TW	I475157
	TW	I432647
	TW	D122884
	TW	I365944
	UA	59881
	UA	89254
	UA	90351
	UA	94057
	Others	Pending
Hot Melt Dispense Valves	US	8939330
HTX 2030 (TexSpray)	US	D782620
	US	8683868
	CN	ZL2016301740770
	EM	003144138-001
	EP	2411159
	CN	ZL201080013401.0
Hurricane	US	8424722
	US	8056835
	US	D537,458
	AU	2007238502
	BR	PI0314606-5
	CN	ZL200780021949.8
	EP	1549572
	EP	2007525
	KR	10-1420449
	TW	I404863
	TW	I294503
	Others	Pending
Husky (all models)	US	D782541
	US	9784265
	US	9777721
	US	9464630
	US	8857467
	US	8568112
	AU	2006275892
	(Continued)	

## Graco Patent List

Product	Country	Patent #
Husky (all models) (Continued)	CN	ZL201080022082.X
	CN	ZL200680027923.X
	EP	2433042
	EP	2426387
	EP	1910679
	IN	269956
	JP	5639643
	JP	4943433
	KR	10-1623229
	KR	10-1187454
	MX	340667
	MX	299980
	RU	2505730
	RU	2403441
	TW	1432647
	UA	94057
	Others	Pending
Husky 1050	US	9784265
	US	9777721
	US	9677550
	US	9677549
	US	D782541
	US	9291158
	US	9003949
	US	8887620
	US	8857467
	US	8066491
	AU	2010239346
	AU	2010249638
	AU	2010202832
	AU	2006275866
	AU	2006275975
	CN	ZL201010193410.4
	CN	ZL201080017187.6
	CN	ZL201080022082.X
	CN	ZL200680027760.5
	CN	ZL200680027833.0
EP	2273114	
EP	2433042	
EP	2422090	
EP	1907806	
EP	1910678	
		(Continued)

## Graco Patent List

Product	Country	Patent #	
Husky 1050 (Continued)	JP	5748423	
	JP	5639643	
	JP	5615348	
	JP	5237804	
	JP	4933545	
	KR	10-1774076	
	KR	10-1718561	
	KR	10-1623229	
	KR	10-1197406	
	KR	10-1190316	
	MX	303500	
	MX	288524	
	RU	2524775	
	RU	2505730	
	RU	2394171	
	RU	2413096	
	TW	1558915	
	TW	1475157	
	TW	1365944	
	UA	59881	
	UA	89254	
UA	90351		
	Others	Pending	
Husky 1050 (Plastic)	US	D782541	
	US	9784265	
	US	9777721	
	US	9291158	
	AU	2010239346	
	CN	ZL201080017187.6	
	EP	2422090	
	JP	5615348	
	KR	10-1718561	
	RU	2524775	
	TW	1558915	
		Others	Pending
	Husky E-Series	US	9777722
US		9638185	
Others		Pending	

Graco Patent List

Product	Country	Patent #
HVLP	US	D604,393
	US	D607,968
	EM	001147805
	EM	001147813
	Others	Pending
HVLP Guns	US	8789770
	US	7950598
	US	7971806
	AU	2009333876
	AU	2009333870
	AU	2009335963
	CN	ZL200980148126.0
	CN	ZL200980148127.5
	CN	ZL200980146083.2
	EP	2982051
	EP	2340128
	TW	I507249
	TW	I503179
	TW	I465293
Others	Pending	
HVLP Sprayer	AU	2009335133
	CN	ZL200980152467.5
	EP	2384245
	Others	Pending
Hydra Clean	US	8568112
	AU	2006275892
	CN	ZL200680027923.X
	EP	2426387
	EP	1910679
	IN	269956
	JP	4943433
	KR	10-1187454
	MX	340667
	MX	299980
	RU	2403441
	TW	I432647
UA	94057	
In:Pulse Froth Pack Proportioner		Pending

Graco Patent List

Product	Country	Patent #
Indy Gun	US	6824071
	Others	Pending
Informer	US	8392082
	AU	2008259859
	JP	5496086
	KR	10-1470670
	TW	I483584
	Others	Pending
Ink Pumps	US	8549987
	AU	2008292802
	CN	200880101918.8
	EP	2188553
	JP	5318104
	Others	Pending
InvisiPac	US	9814096
	US	9267647
	US	8939330
	US	9156053
	US	9119230
	US	8893930
	US	8392082
	US	8985391
	US	D709,934
	US	D696,322
	US	8299373
	AU	2008259859
	CN	ZL201280076599.6
	CN	ZL201280052622.8
	CN	ZL201280062177.3
	CN	ZL201280052722.0
	CN	ZL200880019688.0
	JP	5496086
	KR	10-1470670
	MX	341016
MX	341164	
TW	I544197	
TW	I483584	
Others	Pending	

Graco Patent List

Product	Country	Patent #
InvisiPac HM50 (with feeder upgrade)	US	9156053
	CN	ZL201580049906.0
	CN	ZL201280052622.8
	MX	341016
	TW	I544197
	Others	Pending
InvisiPac GM 100	US	9156053
	CN	ZL201280052622.8
	MX	341016
	TW	I544197
	Others	Pending
InvisiPac Pattern Control System	US	9156053
	CN	ZL201280052622.8
	MX	341016
	TW	I544197
		Pending
JetRoller	US	D573,923
		Pending
LD Oil and Grease Pumps	US	9617844
	US	9540971
	US	D649,561
	US	8568112
	AU	2006275892
	BR	DI71028390
	CN	ZL201280020372.X
	CN	ZL201280020370.0
	CN	ZL200680027923.X
	CN	ZL201130134363.1
	EM	001278006-002
	EM	001278006-001
	EP	2426387
	EP	1910679
	IN	269956
	JP	1434726
	JP	4943433
KR	10-1187454	
KR	30-646362	

(Continued)

## Graco Patent List

Product	Country	Patent #
LD Oil and Grease Pumps (Continued)	MX	340667
	MX	37579
	MX	36520
	MX	299980
	RU	2403441
	TW	1551780
	TW	1432647
	UA	94057
	Others	Pending
LD Series Hose Reels	US	8757574
	US	D637,067
	AU	2010319905
	CN	ZL201080040835.X
	CN	ZL201030154438.8
	EM	001209712-0001
	EP	2493800
	KR	30-608479
	TW	1485098
	TW	D140640
	Others	Pending
	LD Series Meters	US
BR		DI 5700005-0
FR		464,913
GB		2061769
IT		077664
SE		62129
Others		Pending
LD Series Piston Pumps	US	8857467
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
	Others	Pending
LineDriver	US	6883633
	US	8225902

Graco Patent List

Product	Country	Patent #
LineLazer	US	9764343
	US	9695557
	US	6913417
	US	7303155
	US	7654771
	US	D668,686
	AU	2013259463
	AU	201711864
	AU	2006208117
	AU	334507
	CN	304301646
	CN	ZL201380024467.3
	CN	ZL 03801904.3
	CN	ZL 03802251.6
	EM	004012631-0001 & 2
	EM	002106955-0001
	EP	1448309
	EP	1466051
	EP	1841310
	RU	85830
RU	2398927	
UA	90886	
	Others	Pending
LineLasers with Auto-Layout Feature		
	EP	2152973



Graco Patent List

Product	Country	Patent #
Liquamelt	US	8939330
	US	8893930
	US	8392028
	US	8299373
	US	D627,316
	US	D593,962
	US	D590,122
	AU	2008259859
	CN	ZL201280062177.3
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	JP	5496086
	KR	10-1470670
	KR	493587
	TW	I483584
	TW	D125127
	Others	Pending
LubePro Pump		Pending
M2K	US	D771719
	US	9162866
	US	8857467
	US	7168856
	AU	2011337224
	AU	2010249638
	CN	ZL201180031187.6
	CN	ZL201080022082.X
	CN	ZL201530071852.5
	CN	ZL201530071831.3
	CN	ZL00808468.8
	EM	002701680
	EP	2585222
	EP	2,433,042
	EP	1,192,362
	IN	272,098
IN	272,099	
JP	5775575	
JP	5,639,643	

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Graco Patent List

Product	Country	Patent #
M2K (Continued)	KR	10-1623229
	KR	30-838088
	KR	10-0689946
	MX	324694
	RU	2571750
	RU	2,505,730
	TW	163401
	UA	108235
	Others	Pending
M680 Mortar Pump		Pending
Magnum Project Painter	US	9016599
	US	D632,762
	CN	ZL201080020017.3
	EP	2427273
	JP	5727464
	Others	Pending
Magnum ProX17	US	D794754
	US	D794162
	US	D792946
	US	9016599
	US	D580,518
	US	D596,706
	US	D616,065
	CN	ZL2016303078718
	CN	ZL201080020017.3
	EM	3294370
	EP	2427273
	JP	5727464
	Others	Pending
	Magnum X5	US
US		D580,518
US		D596,706
US		D616,065
CN		ZL201080020017.3
EP		2427273
JP		5727464
Others		Pending

Graco Patent List

Product	Country	Patent #
Magnum X7	US	9016599
	US	D580,518
	US	D596,706
	US	D616,065
	CN	ZL201080020017.3
	EP	2427273
	JP	5727464
	Others	Pending
Magnum XR	US	6752067
	US	RE42706
	CN	ZL00812110.9
	EP	2280169
	EP	1635062
	EP	1208287
	JP	5060587
	JP	4668493
	KR	10-0668583
	Others	Pending
Matrix Meters	US	D594,490
	US	D481,102
	US	8312785
	US	8240507
	US	8215522
	AU	2009260753
	AU	2009260754
	AU	2009260752
	CN	ZL200980132329.0
	CN	ZL200980132123.8
	CN	ZL200980132124.2
	CN	ZL200830250995.2
	EP	2323946
	EP	2303764
	ID	ID P0033869
	IN	219652
	JP	5543965
JP	5579711	
JP	5209112	

(Continued)

## Graco Patent List

Product	Country	Patent #
Matrix Meters (Continued)	KR	10-1783162
	KR	10-1653420
	KR	10-1631333
	KR	10-1571195
	KR	30-555779
	MY	MY156126A
	MY	MY154607A
	RU	2499982
	RU	2494957
	TW	I508912
	TW	I488799
	TW	I409445
	TW	I393666
	TW	I377306
	TW	D130836
	Others	Pending
Merkur	US	9677550
	US	9677549
	US	8857467
	US	7168856
	US	8568112
	US	8066491
	AU	2011245401
	AU	2010249638
	AU	2010202832
	AU	2006275905
	AU	2006275892
	AU	2006275866
	CN	ZL201010193410.4
	CN	ZL201080022082.X
	CN	ZL200680027923.X
	CN	ZL200680027760.5
	CN	ZL00808468.8
	CN	ZL200680027833.0
	EP	2426387
	EP	2273114
EP	2433042	
EP	1910679	
EP	1192362	
EP	1910678	
EP	1907806	
IN	269956	

(Continued)

Graco Patent List

Product	Country	Patent #
Merkur (Continued)	JP	5748483
	JP	5639643
	JP	5237804
	JP	4943433
	JP	4933545
	KR	10-1623229
	KR	10-1197406
	KR	10-1190316
	KR	10-1187454
	KR	10-0689946
	MX	340667
	MX	303500
	MX	299980
	MX	288524
	RU	2505730
	RU	2413096
	RU	2403441
	RU	2394171
	TW	1475157
	TW	1432647
	TW	1365944
	TW	163401
	UA	94057
	UA	90351
	UA	89254
	UA	58991
Others	Pending	
Merkur Bellows Pumps	US	9394900
	US	9188110
	US	8568112
	AU	2006275892
	CN	ZL201180018996.3
	CN	ZL201180019493.8
	CN	ZL200680027923.X
	EP	2564065
	EP	2426387
	EP	1910679
	IN	269956
	JP	5973991
	JP	5827317
	JP	4943433
KR	10-1187454	

(Continued)

Graco Patent List

Product	Country	Patent #
Merkur Bellows Pump (Continued)	MX	340667
	MX	299980
	RU	2403441
	TW	1547642
	TW	1432647
	TW	1526640
	UA	94057
	Others	Pending
Mix at or Near Gun Two Component Paint Mixing Module		Pending
NXT Air Motors	US	9677550
	US	9677549
	US	8857467
	US	8066491
	US	8568112
	US	D589,878
	AU	2010249638
	AU	2010202832
	AU	2006275866
	AU	2006275892
	AU	2006275975
	CN	ZL201530312037.3
	CN	ZL201010193410.4
	CN	ZL201080022082.X
	CN	ZL200680027760.5
	CN	ZL200680027833.0
	CN	ZL200680027923.X
	EM	002821793-0001
	EP	2433042
	EP	2426387
	EP	2273114
	EP	1907806
	EP	1910679
	EP	1910678
	IN	276432
	IN	269956
	IT	94891
JP	5748423	
JP	5639643	
JP	5237804	
JP	4943433	
JP	4933545	

(Continued)

Graco Patent List

Product	Country	Patent #
NXT Air Motors (Continued)	KR	10-1623229
	KR	30-843008
	KR	10-1197406
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	303500
	MX	299980
	MX	288524
	RU	2505730
	RU	2394171
	RU	2403441
	RU	2413096
	TW	I475157
	TW	I432647
	TW	D122884
	TW	I365944
	UA	59881
	UA	89254
UA	90351	
UA	94057	
	Others	Pending
NXT Air Motors (Small)	US	8857467
	AU	2010249638
	CN	ZL201080022082.X
	EP	2433042
	JP	5639643
	KR	10-1623229
	RU	2505730
	Others	Pending
P2 Gun	US	6796461
	US	7527172
	CN	ZL200480042796.1
	CN	ZL200480031528.X
	EP	1678073

## Graco Patent List

Product	Country	Patent #
PCF Metering System	US	8,392,028
	US	8299373
	US	7006896
	US	D627,316
	US	D593,962
	US	D590,122
	AU	2008259859
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	JP	5496086
	KR	10-1470670
	KR	493587
	TW	I483584
	TW	D125,127
	Others	Pending
Pioneer Bright Stripe		Pending
PFT Samba S	US	9068567
	Others	Pending
PFT Samba XL	US	9073072
	US	9068567
	US	6212998
	US	6183225
PR70	US	8392028
	US	8299373
	US	D590,122
	US	D593,962
	AU	2008259859
	CN	ZL200880019688.0
	CN	ZL20073339575.7
	JP	5496086
	KR	10-1470670
	KR	493587
	TW	I483584
	TW	D125127
	Others	Pending
PrecisionFlo	US	7006896



## Graco Patent List

Product	Country	Patent #
President 4-Ball Pumps	US	8857467
	US	8066491
	US	8568112
	US	D589,878
	AU	2010249638
	AU	2006275866
	AU	2006275892
	CN	ZL201080022082.X
	CN	ZL200680027833.0
	CN	ZL200680027923.X
	EP	2426387
	EP	2433042
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5639643
	JP	4943433
	JP	4933545
	KR	10-1623229
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	299980
	MX	288524
	RU	2505730
	RU	2394171
	RU	2403441
	TW	I432647
	TW	D122884
	TW	I365944
UA	90351	
UA	94057	
Others	Pending	
Private Label: Ariel	US	9803631
	CN	ZL201280055260.8
	RU	2617531
	TW	I565903
	Others	Pending

## Graco Patent List

Product	Country	Patent #
ProBell Rotary Atomizer		Pending
ProConnect	US	D753188
	US	D752648
	US	D752649
	US	D747183
	US	D742927
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	EM	2726182
	EM	2709246
	EM	2709220
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
	Others	Pending
Pro Xp Electrostatic Guns (Auto)	US	9610596
	US	9616438
	US	D757214
	US	7226004
	US	6854667
	CN	ZL201380051486.5
	CN	ZL201530152706.5
	CN	ZL201380051281.7
	EM	002726208-0001
	EP	2903748
	EP	1392448
	JP	4078209
	KR	30-839627
	TW	I606866
	TW	I598153
	TW	I594550
	TW	D175009
	UA	114926
	Others	Pending
Pro Xpc Auto	US	6854667
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Pro Xp Electrostatic Guns (Manual)	US	9610596
	US	9616438
	US	D727,466
	US	D725,743
	US	7226004
	US	6854667
	US	6758424
	CN	ZL201380051486.5
	CN	ZL 01816621.0
	CN	ZL201380051281.7
	EP	2903748
	EP	1392448
	EP	1328350
	IN	272841
	JP	4989014
	JP	4078209
	TW	I606866
	TW	I598153
	TW	I594550
	UA	114926
Others	Pending	
Pro XS Electrostatic Guns	US	6854667
	US	7226004
	EP	1392448
	JP	4078209
Pro XS2	US	6758424
	CN	ZL 01816621.0
	EP	1328350
	JP	4989014
ProControl	US	8392028
	AU	2008259859
	JP	5496086
	KR	10-1470670
	TW	I483584
	Others	Pending

## Graco Patent List

Product	Country	Patent #
ProMelt	US	8992120
	US	8899872
	US	8840337
	US	8814467
	CN	ZL201280005403.4
	CN	ZL201280005594.4
	CN	ZL201280005599.7
	EP	2665869
	RU	2593510
	RU	2593511
	RU	2575187
	Others	Pending
	ProMix 2KE Proportioners/PD2K	US
US		8392028
US		8299373
US		6,896,152
US		6543647
US		6554204
US		7226004
US		D590,122
AU		2008259859
CN		ZL200880019688.0
CN		ZL 02823545.2
CN		ZL20073339575.7
EP		1123163
EP		1261418
EP		1392448
EP		1455567
JP		5496086
JP		5382970
JP		4965796
JP		4078209
JP		4383669
KR		10-1470670
KR		10-0842157
KR		10-0558103
KR		10-0967987
KR		493587
TW		I483584
TW		D125127
TW		I 264325
Others		Pending

Graco Patent List

Product	Country	Patent #
ProMix 2KS	US	6543647
	US	6554204
	EP	1123163
	JP	4383669
	KR	10-0558103
ProMix 3KS	US	6543647
	US	6554204
	EP	1123163
	JP	4383669
	KR	10-0558103
ProMix Easy	US	8851111
	CN	ZL 02823545.2
	EP	1455567
	JP	4965796
	KR	10-0967987
	TW	I 264325
ProShot	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9192952
	US	9016599
	US	9010658
	US	6619569
	US	8596555
	US	D692,095
	US	D630,708
	US	D633,176
	AU	2014201322
	AU	2014201323
	AU	2014201325
	AU	2011209700
	AU	343613
	CN	ZL201180007662.6
	CN	ZL2014101984154
	CN	ZL201410199129.X
CN	ZL201280005111.0	
CN	ZL201080020017.3	

(Continued)

Graco Patent List

Product	Country	Patent #
ProShot (Continued)	CN	ZL201230332841.4
	CN	ZL201030238948.3
	CN	ZL200980142239.X
	EM	001336671-0001
	EM	001225825
	EP	2427273
	IN	230058
	IN	230059
	IN	230060
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5739340
	JP	5727464
	KR	10-1708104
	KR	10-1694597
	KR	10-1694596
	KR	10-1667067
	KR	30-731309
	KR	30-623847
	KR	30-623847-1
	KR	30-623881
	MX	343150
	MX	319555
	RU	85700
	TW	I576161
	TW	I577455
	TW	I531415
	TW	I531414
	TW	I520786
	TW	D140774
TW	D142952	
	Others	Pending
ProShot HD	US	9796492
	US	9732869
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9174231

## Graco Patent List

Product	Country	Patent #
ProShot HD (Continued)	US	9016599
	US	9010658
	US	8596555
	US	D692,095
	AU	2012328773
	AU	2014201325
	AU	2014201323
	AU	2014201322
	AU	2011209700
	AU	343613
	CN	ZL201180007662.6
	CN	ZL201280052618.1
	CN	ZL201280069891.5
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201080020017.3
	CN	ZL201230332841.4
	CN	ZL200980142239.X
	EM	001336671-0001
	EP	2427273
	EP	2771127
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5739340
	JP	5727464
	KR	10-1708104
	KR	10-1694597
	KR	10-1694596
	KR	10-1667067
	KR	30-731309
	MX	343150
	MX	319555
	RU	85700
	TW	I577910
	TW	I577455
	TW	I569880
	TW	I531414
	TW	I520786
	Others	Pending

## Graco Patent List

Product	Country	Patent #
ProShot Fine Finish	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9475073
	US	9192952
	US	9085008
	US	9016599
	US	9010658
	US	8596555
	US	D651,691
	AU	2011209700
	AU	2014201325
	AU	2014201323
	AU	2014201322
	CN	ZL201180007662.6
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201280005156.8
	CN	ZL201080020017.3
	CN	ZL201280005111.0
	CN	ZL201280005156.8
	CN	ZL201130110111.5
	CN	ZL200980142239.X
	EM	001275374
	EP	2427273
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5727464
	JP	5739340
	KR	10-1708104
	KR	10-1694597
	KR	10-1694596
	KR	10-1667067
MX	343150	
MX	319555	
TW	I576161	
TW	I577455	
TW	I559981	
TW	I531414	
TW	I520786	
Others	Pending	



## Graco Patent List

Product	Country	Patent #
ProShot II	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9192952
	US	9010658
	US	8596555
	US	D651,691
	US	D625,775
	AU	2014201325
	AU	2014201323
	AU	2014201322
	AU	2011209700
	CN	ZL201180007662.6
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201280005111.0
	CN	ZL200980142239.X
	CN	ZL201030247774.7
	CN	ZL201130110111.5
	EM	001225833
	EM	001275374
	IN	230061
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5739340
	KR	10-1708104
	KR	10-1694597
	KR	10-1694596
	KR	10-1667067
	KR	30-644768
	MX	343150
MX	319555	
TW	I576161	
TW	I577455	
TW	I531415	
TW	I531414	
TW	I520786	
TW	D139760	
Others	Pending	

## Graco Patent List

Product	Country	Patent #
PROSTEP	US	D580,515
PULSE		Pending
Python Pneumatic Chemical Injection Pump		Pending
QED	US	9850741
	US	9695945
	US	9587483
	US	9068421
	US	9062536
	US	9062510
	US	8800597
	US	8756991
	US	8678348
	US	6508310
	US	6415659
	US	6456201
	US	7172036
	US	7216725
	US	8678353
	US	8523152
	Others	Pending
Reactor 2	US	8568104
	US	D713,865
	AU	356217
	AU	2003291660
	CN	ZL201430131133.3
	EM	002478479-0001 & 2
	IN	262604
	JP	1519978
	JP	5230057
	KR	30-779490
	KR	10-1071018
	RU	94423
	TW	D166554
	TW	I 303996
	Others	Pending

Graco Patent List

Product	Country	Patent #
Reactor 2, Electric	US	9,027,849
	US	8568104
	US	7822326
	US	8249437
	US	8392028
	US	D590,122
	US	8299373
	US	8455800
	US	D593,962
	AU	2,008,298,909
	AU	2,008,259,859
	AU	2003291660
	CN	ZL200880106522.2
	CN	ZL200880019688.0
	CN	ZL 200730339575.7
	CN	ZL200580004155.1
	EP	1718903
	EP	2195119
	JP	5496086
	JP	5290297
	JP	5230057
	KR	10-1476485
	KR	10-1470670
	KR	493587
	KR	1290066
	KR	10-1071018
	RU	2472592
	RU	2359181
	TW	I483584
	TW	I478772
	TW	D125127
	TW	I 303996
Others	Pending	

## Graco Patent List

Product	Country	Patent #
Reactor 2, Hydraulic (H25, H30, H40, H50, HXP2 and HXP3)	US	D774116
	US	D590122
	US	8568104
	US	8455800
	US	8392028
	US	8299373
	US	8249437
	US	7822326
	AU	2,008,298,909
	AU	2003291660
	AU	2008259859
	CN	ZL201530281012.1
	CN	ZL200880106522.2
	CN	ZL200880019688.0
	CN	ZL20073339575.7
	CN	ZL200580004155.1
	EM	002760330-0001
	EP	1718903
	EP	2195119
	IN	276431
	JP	1546766
	JP	5290297
	JP	5496086
	JP	5230057
	KR	30-861815
	KR	10-1476485
	KR	493587
	KR	1290066
	KR	10-1470670
	KR	10-1071018
	RU	2472592
	RU	2359181
TW	D175117	
TW	I483584	
TW	I478772	
TW	I 303996	
TW	D125127	
Others	Pending	

## Graco Patent List

Product	Country	Patent #
Reactor 2, Integrated	US	9221669
	US	8568104
	US	7822326
	US	8249437
	US	8392028
	US	D590,122
	US	8299373
	US	8455800
	US	D593,962
	AU	2012271436
	AU	2008298909
	AU	2008259859
	AU	2003291660
	CN	ZL200880106522.2
	CN	ZL200880019688.0
	CN	ZL 200730339575.7
	CN	ZL200580004155.1
	EP	1718903
	EP	2195119
	JP	5496086
	JP	5290297
	JP	5230057
	KR	10-1476485
	KR	10-1470670
	KR	493587
	KR	1290066
	KR	10-1071018
	RU	2472592
	RU	2359181
	TW	I558911
	TW	I483584
	TW	I478772
	TW	D125127
	TW	I 303996
	UA	113060
	Others	Pending

## Graco Patent List

Product	Country	Patent #
Reactor A-25, A-XP1	US	8249437
	US	7822326
	US	D661,714
	CN	ZL201230024091.4
	CN	ZL200580004155.1
	EP	1718903
	KR	1290066
	RU	2359181
	Others	Pending
Reactor E-10	US	9,849,475
	US	8568104
	US	8249437
	US	7822326
	AU	2003291660
	CN	ZL201380065819.X
	CN	ZL200580004155.1
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
	TW	I 303996
	Others	Pending
	Reactor E-10hp	US
US		D734832
US		8568104
US		8249437
US		7822326
AU		2003291660
CN		ZL201380065819.X
CN		ZL201330655276.X
CN		ZL200580004155.1
EM		002412155-0001
JP		5230057
KR		1290066
KR		10-1071018
RU		2359181
TW		I 303996
Others		Pending

## Graco Patent List

Product	Country	Patent #
Reactor E20, E30, EXP1, EXP2	US	8249437
	US	8568104
	US	7822326
	AU	2003291660
	CN	ZL200580004155.1
	EP	1718903
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
	TW	I 303996
	Others	Pending
	Reactor, Integrated (E30i, EXP2i)	US
US		8568104
US		8392028
US		8299373
US		8249437
US		7822326
US		D704,236
US		D703,710
US		D703,709
US		D627,316
US		D590,122
US		D593,962
AU		2012271436
AU		2008259859
AU		2003291660
CN		ZL200880019688.0
CN		ZL20073339575.7
CN		ZL200580004155.1
EP		1718903
JP		5496086
JP		5230057
KR		10-1470670
KR		1290066
KR		10-1071018
KR		493587
RU		2359181

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## Graco Patent List

Product	Country	Patent #
Reactor, Integrated (E30i, EXP2i) (Continued)	TW	I558911
	TW	I483584
	TW	D125127
	TW	I 303996
	UA	113060
	Others	Pending
Reactor E8p	US	9810361
	US	D662,516
	US	7822326
	US	8249437
	US	8568104
	AU	2003291660
	CN	ZL200580004155.1
	JP	5230057
	KR	1290066
	KR	10-1071018
	RU	2359181
	TW	I 303996
	Others	Pending
	Reactor Heated Hose	US
AU		20082090-0
CN		ZL200880106522.2
EP		2195119
JP		5290297
KR		10-1476485
RU		2472592
TW		I478772
Others		Pending
Reactor, Hydraulic (H25, H40, H50, HXP2 and HXP3)	US	8249437
	US	7822326
	CN	ZL200580004155.1
	KR	1290066
	RU	2359181
	Others	Pending
RoadLazer RoadPak Stripper & Accessories	US	6811351
	Others	Pending



Graco Patent List

Product	Country	Patent #
RS Gun	US	8579160
	US	D649,221
	US	D619,629
	CN	ZL201030173384.X
	Others	Pending
RTX 650	US	D550,715
RTX 900, RTX 1250	US	D580,517
RTX2000		Pending
RTX5000	US	D790662
	US	D780892
	CN	303949903
	CN	303900391
	CN	ZL201630173479.9
	EM	003147412
	EM	003144583
	EM	003144161
		Pending
RTX5500	US	D790662
	US	D780892
	CN	303949903
	CN	303900391
	CN	ZL201630173479.9
	EM	003147412
	EM	003144583
	EM	003144161
RTX Spray Gun	US	D780892
	CN	ZL201630173479.9
	EM	003144583
S20 (5) Gallon Supply Systems	US	8708201
S340-e (Stucco Pump)		Pending

## Graco Patent List

Product	Country	Patent #
Saniforce	US	9784265
	US	9777721
	US	D780227
	US	D771714
	US	8857467
	US	D682,316
	AU	367133
	AU	2010249638
	CN	ZL201530452849.8
	CN	ZL201080022082.X
	CN	ZL201230099811.3
	EM	EU002902163
	EP	2433042
	IN	280085
	IN	244057
	JP	1557349
	JP	5639643
	KR	30-865160-1
	KR	10-1623229
	KR	30-700616
RU	2505730	
Others	Pending	
SD Series Hose Reels	US	9139400
	AU	2011205721
	EP	2523887
	ID	IDP000040956
	KR	10-1733831
	TW	I558641
	Others	Pending
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
CN	ZL200830250995.2	

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Graco Patent List

Product	Country	Patent #
SD Series Meters (Continued)	EP	2323946
	EP	2303764
	ID	ID P0033869
	IN	219652
	JP	5543965
	JP	5579711
	JP	5209112
	KR	10-1783162
	KR	10-1653420
	KR	10-1631333
	KR	10-1571195
	KR	30-555779
	MY	MY156126A
	MY	MY154607A
	RU	2499982
	RU	2494957
	TW	I508912
	TW	I488799
	TW	I409445
	TW	I393666
TW	I377306	
TW	D130836	
	Others	Pending
SDI15 Inline Meters	US	8312785
	AU	2009260754
	CN	ZL200980132329.0
	JP	5209112
	KR	10-1571195
	MY	MY154607A
	RU	2499982
	TW	I409445
		Others
SG10 Gun	US	6702198
Silver Gun	US	6702198

## Graco Patent List

Product	Country	Patent #
Smartware Shot Dispense	US	8392028
	US	8299373
	US	D590,122
	AU	2008259859
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	JP	5496086
	KR	10-1470670
	KR	493587
	TW	I483584
	TW	D125,127
	Others	Pending
	ST Airless	US
US		D753188
US		D752648
US		D747183
US		6212998
US		6183225
CN		ZL201530111246.1
CN		ZL201530166741.2
CN		ZL201530166705.6
CN		ZL201530111358.7
CN		ZL98126088.8
EM		2709220
EM		2726182
EM		2709246
EP		927823
KR		10-0647761
TW		D174640
TW		D174523
TW		D173704
TW		D173705
Texture Head/Pole Spray Applicator	AU	2010241909
	EP	2419669

## Graco Patent List

Product	Country	Patent #
Therm-O-Flow	US	8568112
	US	6076705
	AU	2006275892
	CN	ZL200680027923.X
	EP	2426387
	EP	1910679
	EP	0901981
	IN	269956
	JP	4943433
	KR	10-1187454
	KR	10-0547546
	MX	340667
	MX	299980
	RU	2403441
	TW	1432647
	UA	94057
ThermoLazer	US	9657447
	US	8899872
	US	8393824
	US	D619,625
	AU	2010281465
	CN	'ZL201280005403.4
	CN	ZL201080032656.1
	EP	2459807
	RU	2593510
	RU	2540734
	Others	Pending
T-Max	US	9138763
	US	D588,230
	US	D616,064
	AU	322778
	CN	304359521
	CN	ZL200830142725.X
	CN	ZL200830210321.X
	EM	004057438
	EM	000996236-0001
	EM	001034524-0001
	EP	2288803

(Continued)

## Graco Patent List

Product	Country	Patent #
T-Max (Continued)	IN	218331
	IN	219464
	KR	30-549220
	KR	30-556464
	MY	MY 08-01180-0101
	Others	Pending
ToughTek F340-e	US	D771222
	CN	ZL201530380677.8
	EM	002862359-001
ToughTek F680-e	US	D769414
		Pending
Tradeworks	US	D632,762
TrueCoat	US	9815077
	US	9808817
	US	9796492
	US	9675982
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9475073
	US	D759199
	US	D758536
	US	9174231
	US	9192952
	US	9085008
	US	9016599
	US	9010658
	US	6619659
	US	8596555
	US	D625,775
	US	D630,708
US	D633,176	
US	D651,691	
AU	2012328773	
AU	2014201325	
AU	2014201323	
AU	2014201322	
AU	2011209700	

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## Graco Patent List

Product	Country	Patent #
TrueCoat (Continued)	CN	ZL201180007662.6
	CN	ZL201280052618.1
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201280005111.0
	CN	ZL201080020017.3
	CN	ZL201280005156.8
	CN	ZL201530222177.1
	CN	ZL200980142239.X
	CN	ZL201030238948.3
	CN	ZL201030247774.7
	CN	ZL201130110111.5
	EM	001225825
	EM	001225833
	EM	001275374
	EP	2427273
	EP	2771127
	IN	230058
	IN	230059
	IN	230060
	IN	230061
	JP	6243459
	JP	5973502
	JP	5727464
	JP	5933635
	JP	5852181
	JP	5739340
	KR	10-1708104
	KR	10-1694597
	KR	10-1694596
	KR	10-1667067
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	KR	30-623847-1
	KR	30-623881
	MX	343150
	MX	319555
	TW	I576161
	TW	I577455
	TW	I569880
TW	I559981	
TW	I531415	
TW	I531414	

(Continued)

Graco Patent List

Product	Country	Patent #
TrueCoat (Continued)	TW	I520786
	TW	D139760
	TW	D140774
	TW	D142952
	Others	Pending
TrueCoat Fine Finish	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9192952
	US	9016599
	US	8596555
	US	9010658
	US	D651,691
	AU	2014201325
	AU	2014201323
	AU	2014201322
	AU	2011209700
	CN	ZL201180007662.6
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201280005111.0
	CN	ZL201080020017.3
	CN	ZL201130110111.5
	CN	ZL200980142239.X
	EM	001275374
	EP	2427273
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	JP	5973502
	JP	5933635
	JP	5852181
	JP	5727464
	JP	5739340
	KR	10-1708104
	KR	10-1694597
KR	10-1694596	
KR	10-1667067	
MX	343150	
MX	319555	
		(Continued)



Graco Patent List

Product	Country	Patent #
TrueCoat Fine Finish (Continued)	TW	I576161
	TW	I577455
	TW	I531414
	TW	I520786
	Others	Pending
TX 90 Interior Texture Sprayer	US	D580,516
TX 125 Interior Texture Sprayer	US	D580,516
Ultimate Cordless Airless Handheld		Pending
Ultra 395	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	9068567
	US	9027849
	US	6212998
	US	6183225
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111246.1
	CN	ZL201530111358.7
	CN	ZL98126088.8
	EM	2726182
	EM	2709246
	EM	2709220
	EP	0927823
	KR	10-0647761
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
	Others	Pending

Graco Patent List

Product	Country	Patent #
Ultra 490 or 495	US	9729077
	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	9068567
	US	9027849
	US	6212998
	US	6183225
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111358.7
	CN	ZL201530111246.1
	CN	ZL98126088.8
	EM	2726182
	EM	2709246
	EM	2709220
	EP	0927823
	KR	10-0647761
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
Others	Pending	
Ultra 595	US	D753188
	US	D752648
	US	D747183
	US	D742927
	US	9068567
	US	9027849
	US	6212998
	US	6183225
	CN	ZL201530166741.2
	CN	ZL201530166705.6
	CN	ZL201530111246.1
	CN	ZL201530111358.7
	CN	ZL98126088.8

(Continued)

Graco Patent List

Product	Country	Patent #
Ultra 595 (Continued)	EM	2726182
	EM	2709246
	EM	2709220
	EP	2136928
	EP	0927823
	TW	D174640
	TW	D174523
	TW	D173704
	TW	D173705
	Others	Pending
Ultra, Ultra Max Cordless Airless Handheld	US	9675982
	CN	304288165
	EM	004012623-0001 thru 6
	Others	Pending
Ultra Max	US	9729077
	US	9073072
	US	9068567
	US	6212998
	US	6183225
	AU	2009335126
	AU	2010241909
	CN	ZL200980152468.X
	CN	ZL98126088.8
	EP	2419669
	EP	2384244
	EP	0927823
	KR	10-0647761
	TW	I503180
	Others	Pending
Uni-Drum	US	6675991
USP Valves	US	9339897
	US	9062783
	US	8960236
	US	8939176
	US	8807170
	US	8887767

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## Graco Patent List

Product	Country	Patent #
USP Valves (Continued)	AU	2,011,258,889
	AU	2011258799
	AU	2011258888
	AU	2011258800
	AU	2011258890
	CN	ZL201180026320.9
	CN	ZL201180026226.3
	CN	ZL201180026223.X
	CN	ZL201180026231.4
	CN	ZL201180026266.8
	Others	Pending
Viscount 4-Ball Pumps	US	8857467
	US	8568112
	US	8066491
	US	D589,878
	AU	2010249638
	AU	2006275866
	AU	2006275892
	CN	ZL201080022082.X
	CN	ZL200680027833.0
	CN	ZL200680027923.X
	EP	2426387
	EP	2433042
	EP	1910679
	EP	1910678
	IN	269956
	IT	94891
	JP	5639643
	JP	4943433
	JP	4933545
	KR	10-1623229
	KR	10-1190316
	KR	10-1187454
	KR	30-508787
	KR	30-508788
	MX	340667
	MX	299980
	MX	288524
RU	2505730	
RU	2394171	
RU	2403441	

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## Graco Patent List

Product	Country	Patent #
Viscount 4-Ball Pumps (Continued)	TW	I432647
	TW	D122884
	TW	I365944
	UA	90351
	UA	94057
	Others	Pending
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VPM Metering Systems	US	9181943
	US	8392028
	US	8299373
	US	8549987
	US	D627,316
	US	D593,962
	US	D520,122
	US	D328,967
	AU	2010276482
	AU	2010328641
	AU	2010276521
	AU	2008259859
	AU	2008292802
	CN	ZL201080033083.4
	CN	ZL201080054375.6
	CN	ZL201080032764.9
	CN	ZL200880101918.8
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	EP	2606000
	EP	2459304
	EP	2188553
	JP	5735532
	JP	5843290
	JP	5607738
	JP	5496086
	JP	5318104
	KR	10-1674177
	KR	10-1470670
	KR	493587
	RU	2542254
	TW	I483584
	TW	D125,127
UA	106760	
Others	Pending	

## Graco Patent List

Product	Country	Patent #	
VRM Metering System	US	9181943	
	US	8392028	
	US	8299373	
	US	D627,316	
	US	D593,962	
	US	D590,122	
	US	D328,967	
	AU	2010276482	
	AU	2010328641	
	AU	2010276521	
	AU	2008259859	
	CN	ZL201080033083.4	
	CN	ZL201080054375.6	
	CN	ZL201080032764.9	
	CN	ZL200880019688.0	
	CN	ZL200730339575.7	
	EP	2606000	
	EP	2459304	
	JP	5735532	
	JP	5843290	
	JP	5607738	
	JP	5496086	
	KR	10-1675177	
	KR	10-1470670	
	KR	493587	
	RU	2542254	
	TW	I483584	
	TW	D125,127	
	UA	106760	
	Others	Pending	
	Warm Melt	US	8392028
		US	8568112
		US	8299373
US		8549987	
US		D627,316	
US		D593,962	
US		D590,122	
AU		2008259859	
AU		2008292802	
AU		2006275892	

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Graco Patent List

Product	Country	Patent #
Warm Melt (Continued)	CN	ZL200880101918.8
	CN	ZL200880019688.0
	CN	ZL20073339575.7
	CN	ZL200680027923.x
	EP	2426387
	EP	2188553
	EP	1910679
	IN	269956
	JP	5496086
	JP	5318104
	JP	4943433
	KR	10-1470670
	KR	10-1187454
	KR	493587
	MX	340667
	MX	299980
	RU	2403441
	TW	I483584
	TW	I432647
	TW	D125127
UA	94057	
	Others	Pending
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Wolverine Electric Chemical Injection Pump		Pending
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XD Series Hose Reels	US	9656833
	US	9617114
	US	9322429
	US	9139400
	AU	2014203984
	AU	2011205716
	AU	2011205721
	CN	ZL201480003938.7
	CN	ZL201180006066.6
	EP	2523888
	EP	2523887
	ID	IDP000040956
	KR	10-1733831
	KR	10-1663856
	TW	I558641
	TW	I529115
		Others

## Graco Patent List

Product	Country	Patent #
XForce HD	US	9796492
	US	9604235
	US	9604234
	US	9545643
	US	9517479
	US	9174231
	US	9016599
	US	9010658
	US	8596555
	US	D692,095
	AU	2012328773
	AU	2014201325
	AU	2014201323
	AU	2014201322
	AU	2011209700
	AU	343613
	CN	ZL201180007662.6
	CN	ZL201280052618.1
	CN	ZL201410199129.X
	CN	ZL2014101984154
	CN	ZL201080020017.3
	CN	ZL201230332841.4
	CN	ZL200980142239.X
	EM	001336671-0001
	EP	2427273
	EP	2771127
	JP	6243459
	JP	5973502
	JP	5933635
	JP	5852181
	JP	5739340
	JP	5727464
	KR	10-1708104
	KR	10-16945996
	KR	10-1667067
	KR	30-731309
	MX	343150
	MX	319555
	RU	85700

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Graco Patent List

Product	Country	Patent #
	TW	I577455
	TW	I569880
	TW	I531415
	TW	I531414
	TW	I520786
	Others	Pending
XL Air Motor		
	US	9677550
	US	9677549
	AU	2010202832
	AU	2006275975
	CN	ZL201530312037.3
	CN	ZL201010193410.4
	CN	ZL200680027760.5
	EP	002273114
	EP	001907806
	EM	002821793-0001
	IN	276432
	JP	5748423
	JP	5237804
	KR	10-1197406
	KR	30-843008
	MX	303500
	RU	2413096
	TW	I475157
	UA	59881
	UA	89254
	Others	Pending
XM Plural Component Sprayers		
	US	9010367
	US	8851111
	US	8392028
	US	8568112
	US	8299373
	US	6925926
	US	6896152
	US	7226004
	US	D590,122
	AU	2010229111
	AU	2008259859
	AU	2006275892

(Continued)

## Graco Patent List

Product	Country	Patent #
XM Plural Component Sprayers (Continued)	CN	ZL201080013092.7
	CN	ZL200880019688.0
	CN	ZL200730339575.7
	CN	ZL200680027923.X
	CN	ZL 02823545.2
	EP	2411880
	EP	2426387
	EP	1910679
	EP	1455567
	EP	1392448
	EP	1261418
	IN	269956
	JP	5496806
	JP	5382970
	JP	4965796
	JP	4943433
	JP	4078209
	KR	10-1470670
	KR	493587
	KR	10-1187454
	KR	10-0967987
	KR	10-0842157
	MX	340667
	MX	308542
	MX	299980
	RU	2403441
	TW	I483584
	TW	I524005
	TW	I432647
	TW	D125,127
	TW	I 264325
	UA	104306
	UA	94057
	Others	Pending
XM PFP		
	US	9010367
	AU	2010229111
	CN	ZL201080013092.7
	EP	2411880
	MX	308542
	TW	I524005
	UA	104306
	Others	Pending

## Graco Patent List

Product	Country	Patent #
XM Proportioners	US	9010367
	US	8392028
	AU	2,010,229,111
	AU	2008259859
	CN	ZL201080013092.7
	EP	2411880
	JP	5496086
	KR	10-1470670
	MX	308542
	TW	I524005
	TW	I483584
	UA	104306
	Others	Pending
XP Pressure Monitor	US	8392028
	AU	2008259859
	JP	5496086
	KR	10-1470670
	TW	I483584
	Others	Pending
XP Proportioners	US	9156050
	US	9162866
	US	8568112
	US	6925926
	AU	2011337224
	AU	2011269776
	AU	2006275892
	CN	ZL201180031081.6
	CN	ZL201180031187.6
	CN	ZL200680027923.X
	EP	2585222
	EP	2426387
	EP	1910679
	IN	269956
	JP	5848344
	JP	5775575
	JP	4943433
KR	10-1760542	
KR	10-1187454	

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## Graco Patent List

Product	Country	Patent #
XP Proportioners (Continued)	MX	343727
	MX	340667
	MX	331538
	MX	324694
	MX	299980
	RU	2563276
	RU	2571750
	RU	2403441
	TW	1432647
	UA	111332
	UA	108235
	UA	94057
	Others	Pending
	Xtreme Mix	US
US		8568112
US		6896152
US		6925926
AU		2006275892
CN		ZL 02823545.2
CN		ZL200680027923.X
EP		2426387
EP		1910679
EP		1455567
EP		1261418
IN		269956
JP		5382970
JP		4965796
JP		4943433
KR		10-1187454
KR		10-0842157
KR		10-0967987
MX		340667
MX		299980
RU	2403441	
TW	1432647	
TW	1264325	
UA	94057	

## Graco Patent List

Product	Country	Patent #
Xtreme Sprayers	US	9677550
	US	9677549
	US	9027849
	US	6925926
	US	8568112
	AU	2010202832
	AU	2006275975
	AU	2006275892
	CN	ZL201010193410.4
	CN	ZL200680027923.X
	CN	ZL200680027760.5
	EP	2273114
	EP	2426387
	EP	1907806
	EP	1910679
	IN	269956
	JP	5748423
	JP	5237804
	JP	4943433
	KR	10-1197406
	KR	10-1187454
	MX	303500
	MX	340667
	MX	299980
	RU	2403441
	RU	2413096
	TW	I432647
	TW	I475157
	UA	59881
	UA	89254
	UA	94057
	Others	Pending
	Xtreme XL Sprayers	US
Others		Pending
Xtreme Z25/Z45	US	D733840
	CN	ZL201430355212.2
	KR	30-797803
	Others	Pending