

Product	Country	Patent #
POWDER SPRAYCOATING GUN AND PLASTIC HOUSING FOR THIS OptiSelect: GM02, GM03	EP Patent	1871533
	DE	602006019843.4
	GB	1871533
	FR	1871533
	CH	1871533
	IT	1871533
	CN	101160178
	US	7,617,998
POWDER COATING CABIN OR SUBSTRUCTURE THEREFOR MagicCompact: BA02 MagicCylinder: QCS03	EP Patent	1819447
	DE	502005002946.1
	GB	1819447
	FR	1819447
	CH	1819447
	IT	1819447
	CN	100512980C
	US	8,371,242
COMPRESSED AIR THROTTLE DEVICE AND A POWDER SPRAY COATING DEVICE OptiStar: CG06, CG07, CG08, CG09, CG11, CG12, CG13, CG20, CG24 MultiStar: CG10	EP Patent	1858648
	CH	1858648
	DE	502006008508.9
	FR	1858648
	GB	1858648
	IT	1858648
	TR	1858648
	CN	101115568B
US	8,430,346	
ELECTRONIC SPRAY COATING CONTROL DEVICE OptiStar: CG06, CG07	EP Patent	1855811
	CH	1855811
	DE	602006010335.2
	FR	1855811
	GB	1855811
	IT	1855811
	BR	PI0608206
	US	8,601,977
CN	100542680C	
CONTROL UNIT FOR POWDER SPRAY COATING OptiStar: CG05, CG06	DE	40501155
	EGM	304209
	GB	90003042090001
	GB	90003042090002
	GB	90003042090003
	GB	90003042090004
	GB	90003042090005
	GB	90003042090006
	GB	90003042090007
	GB	90003042090008
	GB	90003042090009
	GB	90003042090010
	GB	90003042090011
	GB	90003042090012
	GB	90003042090013
	US	D567188
OPTIFLEX / POWDER SPRAY COATING CART OptiFlex series	CN	200680011041
	US	7,871,090
AUTOMATIC HOPPER CLEANING / FIX CLEANER MagicCenter: MC01, MC02	EP Patent	1963026
	DE	602006018995.8
	IT	1963026
	GB	1963026
	FR	1963026
	CN	101330982B
US	8,166,908	
SIEVE SUCTION OUTLET	DE	102007005306.3
CONICAL POWDER CONTAINER MagicCenter: MC01, MC02 OptiCenter: OC01, OC02, OC03, OC06, OC07, OC08, OC09	EP Patent	1953098
	DE	502007000614.9-08
	GB	1953098
	IT	1953098
	FR	1953098
POWDER FEEDING FIX CLEANER MagicCylinder: coating system MagicCompact: coating system MagicPlus: coating system	US	7,971,551
	EP Patent	1952892
	CH	1952892
	DE	502007012904.6

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POWDER FLOW DETECTION OptiFeed: PP05, PP06	US	8,231,310
REVERSIBLE PUMP OptiFeed: PP05, PP06	EP Patent	2111301
	CH	2111301
	DE	602008023664.1
	FR	2111301
	GB	2111301
	IT	2111301
	US	8,162,570
SUCTION DELAY / POWDER PUMP OptiSpray: DPP01, AP01	EP Patent	2190588
	CH	2190588
	DE	602008022570.4
	FR	2190588
	GB	2190588
	IT	2190588
	TR	2190588
	US	8,459,203
DENSE PHASE AIR MANAGEMENT OptiSpray: DPP01, AP01	EP Patent	2190589
	CH	2190589
	DE	602008034255.7
	FR	2190589
	GB	2190589
	IT	2190589
	TR	2190589
	US	8,640,644
DENSE PHASE POWDER OUTPUT CORRECTION OptiSpray: DPP01, AP01	EP Patent	2190590
	CH	2190590
	DE	602008031578.9
	FR	2190590
	GB	2190590
	IT	2190590
	TR	2190590
	US	8,430,640
DENSE PHASE CONTROL OptiSpray: DPP01, AP01	EP Patent	2209560
	DE	602008012940.3
	CH	2209560
	FR	2209560
	GB	2209560
	IT	2209560
	US	8,333,165
POWDER DENSE PHASE PUMP BLOCK OptiSpray: DPP01, AP01	EP Patent	2195118
	CH	2195118
	DE	602008039053.5
	FR	2195118
	GB	2195118
	IT	2195118
	TR	2195118
	US	8,951,022
OPTICENTER HOPPER OptiCenter: OC01, OC02, OC03, OC06, OC07, OC08	DE	102010025749
	EP Patent	3441147
	CH	3441147
	DE	602011074914.5
	FR	3441147
	GB	3441147
	IT	3441147
	TR	3441147
	CN	ZL201180032562.9
	US	9,382,078
OPTICENTER INJECTOR OptiCenter: OC01, OC02, OC03, OC06, OC07, OC08, OC09	DE	102010039473
	EP Patent	2605985
	CH	2605985
	DE	602011036735.8
	FR	2605985
	GB	2605985
	IT	2605985
	TR	2605985
	CN	ZL201610632653.0
	US	9,657,740
OPTICENTER PNEUMATIC HOPPER CLEANING CIRCUIT OptiCenter: OC01, OC02, OC03, OC06, OC07, OC08	EP Patent	2588244
	CH	2588244
	DE	602011020598.6
	FR	2588244
	GB	2588244
	IT	2588244
	TR	2588244
	CN	ZL2011800328631.1
	US	9,387,995

Product	Country	Patent #
NOZZLE DESIGN OptiFlow: IG06	EGM	1222715
	GB	90012227150001
	GB	90012227150002
	IN	233405
	US	D644,714
INJECTOR DESIGN OptiFlow: IG06	EGM	1222723
	GB	90012227230001
	GB	90012227230002
	GB	90012227230003
	GB	90012227230004
	GB	90012227230005
	IN	233404
	IN	233403
US	D670,786	
NOZZLE PLUS INJECTOR OptiFlow: IG05, IG06	CH	2588243
	DE	602011007636.1
	FR	2588243
	GB	2588243
	IT	2588243
	TR	2588243
	EP Patent	2588243
	CN	ZL201180032760.5
US	9,486,827	
HANDHELD SPRAY GUN OptiSelect: GM03	BR	DI7102852-8
	EGM	1252910
	GB	90012529100001
	GB	90012529100002
	GB	90012529100003
	IN	236409
	IN	236410
	US	D667,080S
	US	D657,015
CONTROL UNIT OptiStar: CG08, CG09, CG11, CG12, CG13	BR	DI7102865-0
	EGM	1252928
	GB	90012529280001
	GB	90012529280002
	IN	236411
	US	D696,210
US	D707,187	
ROTATABLE CONTROL UNIT OptiFlex2, OptiFlex Pro	EGM	1257927
	GB	90012579270001
	GB	90012579270002
	GB	90012579270003
	GB	90012579270004
	GB	90012579270005
	US	D674,572
	US	D693,980
PURGE FUNCTION INJECTOR	DE	102011004352.7
INTELLIGENT CONTROL UNIT OptiStar: CG06, CG07, CG08, CG09, CG11, CG12, CG13, CG20 MultiStar: CG10	EP Patent	2675571
	CH	2675571
	DE	602012021822.3
	FR	2675571
	GB	2675571
	IT	2675571
	TR	2675571
	IN	298151
	CN	ZL201280018308.8
	US	9,703,297
PUMP PLATE CONNECTOR OptiFeed: PP05, PP06	EP Patent	2675573
	CH	2675573
	DE	602012003997.3
	FR	2675573
	GB	2675573
	IT	2675573
	TR	2675573
	CN	ZL201280018378.3
HIGH-VOLTAGE OSCILLATOR WITH SAFETY CONTROL OptiStar: CG06, CG07, CG08, CG09, CG11, CG12, CG13, CG20 MultiStar: CG10	EP Patent	2675572
	CH	2675572
	DE	602012017652.0
	FR	2675572
	GB	2675572
	IT	2675572
	TR	2675572
	US	9,071,192

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ULTRASONIC SIEVE INSERT OptiCenter: OC01, OC02, OC03, OC06, OC07, CO08, OC09 Sieves: US05, US06, US07	EP Patent	2678115
	CH	2678115
	DE	602012011542.4
	FR	2678115
	GB	2678115
	IT	2678115
	TR	2678115
	US	9,597,696
NOZZLE FLAT OptiSelect: GM03 OptiGun: GA03	EGM	1261663
	GB	90012616630001
	GB	90012616630002
	US	D670,356
ELECTRODE HOLDER OptiSelect: GM03 OptiGun: GA03	EGM	1261655
	GB	90012616550001
	GB	90012616550002
	US	D669,961
OPTICENTER OptiCenter: OC01, OC02, OC03	US	D733,765
	EGM	1300230
	GB	90013002300001
POWDER PUMP OptiFeed: PP06	EGM	1300305
	GB	90013003050001
	GB	90013003050002
	US	D688,709 S
	US	D688,710 S
POWDER COATING BOOTH MagicCompact: BA03	EGM	1300248
	GB	90013002480001
	GB	90013002480002
	GB	90013002480003
	US	D724194
SUCTION TUBE CLEANING OptiFlex: Q	EP Patent	2864056
	CH	2864056
	DE	502013004547.1
	FR	2864056
	GB	2864056
	IT	2864056
	TR	2864056
	CN	ZL201380032936.6
	DE	102012210439.9
US	9,415,409	
POWDER COATING BOOTH MagicCompact: BA04-XL, BA04-XXL	EP Patent	2879807
	CH	2879807
	DE	502013004591.9
	FR	2879807
	GB	2879807
	IT	2879807
SINGLE CHAMBER PUMP OptiSpray: AP01	EP Patent	2981365
	CH	2981365
	DE	502014008217.5
	DE	102013205895
	FR	2981365
	GB	2981365
	IT	2981365
	TR	2981365
	BR	112015025287-7
	CN	ZL201480020210.5
	IN	423440
US	10,112,787	
SINGLE CHAMBER PUMP OptiSpray: AP01	EGM	1382501
	GB	90013825010001
	GB	90013825010002
	GB	90013825010003
	GB	90013825010004
	GB	90013825010005
	GB	90013825010006
	BR	BR302014000676-2
	CN	ZL201430039219.3
	IN	260311
	CH, LI, TR	DM/082986
US	D730,407	

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PRESSURE REGULATION FOR PINCHVALVE OptiSpray: AP01	EP Patent	2981364
	CH	2981364
	DE	502014008400.3
	FR	2981364
	GB	2981364
	IT	2981364
	TR	2981364
	BR	BR112015024418-1
	CN	ZL201480019566.7
US	9,745,148	
POWDER FEEDING DEVICE FOR COATING POWDER OptiSpray: AP01	EP Patent	3010645
	CH	3010645
	DE	502014012371.8
	FR	3010645
	GB	3010645
	IT	3010645
	TR	3010645
	BR	BR112015030998-4
	CN	ZL201480035188.1
	IN	432232
US	9,834,391	
SPRAY GUN Opti Gun: GA03	EP Patent	2978538
	CH	2978538
	DE	502014006315.4
	FR	2978538
	GB	2978538
	IT	2978538
	TR	2978538
	CN	ZL201480018235.1
	US	10,159,994
AUTOMATIC SPRAY COATING GUN OptiGun: GA03	EGM	1371116
	GB	90013711160001
	GB	90013711160002
	BR	BR3020130057518
	CH, LI, TR	DM/082502
	IN	257814
	US	D725,740
POWDER COATING BOOTH MagicCompact: BA04	EGM	1366710
	GB	90013667100001
	BR	BR3020130050548
	IN	257171
	CH, LI, TR	DM/082405
	US	D736,946
INTEGRATION OF A POWDER SUPPLY PUMP OptiCenter: OC03, OC05	EP Patent	3043923
	CH	3043923
	DE	502014011048.9
	FR	3043923
	GB	3043923
	IT	3043923
	TR	3043923
	BR	BR112016005333-8
	IN	420700
	US	9,815,074
CN	ZL201480060572.7	
NOZZLE HYBRID NF series	EP Patent	3052246
	CH	3052246
	DE	502014010871.9
	FR	3052246
	GB	3052246
	IT	3052246
	TR	3052246
	DE	102013219813
	US	10,668,489
PINCH VALVE OptiSpray: AP01	EGM	001381651
	GB	90013816510001
	GB	90013816510002
	GB	90013816510003
	GB	90013816510004

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FILTER COMPONENT OptiSpray: AP01	CN	ZL201530040384.5
	BR	BR3020190022877
	EGM	2515882
	GB	90025158820001
	GB	90025158820002
	IN	269279
	TR	DM/085591
	US	D755345
COLOUR SWITCH FOR COATING BOOTH MagicCompact: BA series MagicCylinder: QCS series MagicPlus: LBK series	EP Patent	3148709
	CH	3148709
	DE	502015003853.5
	FR	3148709
	GB	3148709
	IT	3148709
	TR	3148709
	CN	ZL20158002629.X
PUMP CONTROLLER OptiSpray: AP01	DE	102014215338
	EP Patent	3177406
	CH	3177406
	DE	502015011267.0
	FR	3177406
	GB	3177406
	IT	3177406
	TR	3177406
	BR	BR1120170022397
	CN	ZL201580040013.4
	IN	000432700
	US	10,406,544
	US	11,033,916
POWDERCENTER POWDER CONTAINER OptiCenter	EP Patent	3218117
	CH	3218117
	DE	502015009923.2
	FR	3218117
	GB	3218117
	IT	3218117
	TR	3218117
	CN	ZL201580061045.2
US	10,589,302	
METHOD FOR OPERATING A DENSE PHASE POWDER PUMP OptiSpray: AP01	EP Patent	3302819
	CH	3302819
	DE	3302819
	FR	3302819
	GB	3302819
	IT	3302819
	TR	3302819
	BR	BR1120170251019
	IN	357949
	US	10,835,907
POWDER SWITCH MultiColor: MCS01	EP Patent	3313584
	CH	3313584
	DE	502016006779.6
	FR	3313584
	GB	3313584
	IT	3313584
	TR	003313584
	CN	201680034368.7
US	10,618,073	
ARC DETECTION OptiStar: CG20, CG21, CG22, CG23, CG24, CG26	CN	ZL201680047767.7
	EP Patent	3335288
	CH	3335288
	DE	502016016681.1
	FR	3335288
	GB	3335288
	IT	3335288
	TR	3335288
	JP	7064530
	KR	10-2349887
US	10,847,966	
EXHAUST AIR SWITCHING UNIT MagicCompact: BA04 MRS	EP Patent	3277435
	CH	3277435
	DE	502017000264.1
	FR	3277435
	GB	3277435
	IT	3277435
	TR	3277435
POWDER PIPE COATING BOOTH	US	10,226,786

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INLINE INJECTOR OptiFlow: IG07	EP Patent	3582904
	CH	3582904
	DE	502017011620.5
	FR	3582904
	GB	3582904
	IT	3582904
	TR	3582904
	US	11,446,683
OVERSIZED INLET/OUTLET VALVES OptiSpray: AP01	EP Patent	3585522
	CH	3585522
	DE	502017009612.3
	FR	3585522
	GB	3585522
	IT	3585522
	TR	3585522
	BR	BR112019017107-0
	CN	ZL201780087077.9
IN	380671	
ALL-IN-ONE-CONCEPT OptiStar All-in-One: CG22-CP OptiSpray All-in-One: CG26-CP	CN	CN113226564B
	JP	7534302
MULTI COLOR POWDER CENTER MultiColorRobot: MCR01, MCR02	EP Patent	3743216
	CH	3743216
	DE	502019008393.0
	FR	3743216
	GB	3743216
	IT	502023000044040
	TR	3743216
	US	11,446,686
DETECTION WEAR CONDITION OptiStar All-in-One: CG22-CP OptiFlow: IG08	US	11,931,762
NOZZLE DESIGN OF AN INJECTOR OptiFlow: IG07	CH, TR	DM/102001
	CN	ZL201830156606.3
	EGM	004496677
	GB	90044966770001
	US	D908187
NEW FILTER DESIGN FOR A POWDER PUMP OptiSpray: AP01	CH, TR	DM/101358
	CN	ZL201830154328.8
	IN	000304743
	EGM	004496644
	GB	90044966440001
	US	D901621
DESIGN OF AN INJECTOR OptiFlow: IG07	BR	BR3020180015460
	CN	ZL201830154326.9
	CH, TR	DM/101178
	EGM	004496693
	GB	90044966930001
	US	D905823
MULTI COLOR POWDER CENTER FOR SUPPLYING DIFFERENT TYPES OF COATING POWDER MultiColorRobot: MCR02	EP Patent	3743215
	CH	3743215
	DE	502019006821.4
	FR	3743215
	GB	3743215
	IT	502023000012843
	TR	3743215
	US	11,446,685
MULTI COLOR POWDER CENTER WITH DIFFERENT TYPES OF COATING POWDER MultiColorRobot: MCR01, MCR02	EP Patent	3743217
	CH	3743217
	DE	502019003664.9
	FR	3743217
	GB	3743217
	IT	502022000030086
	TR	003743217
REAR SHELL MANUAL GUN OptiSelect Pro: GM04	EP Patent	3930913
	CH	3930913
	DE	502020004379.0
	FR	3930913
	GB	3930913
	IT	502023000049413
	PL	3930913
	EGM	006292173
HANDHELD OptiFlex Pro series	GB	90062921730001
	GB	90062921730002
	GB	90062921730003
	GB	90062921730001
	CN	CN305791995S
	CH, TR	DM/203220
	US	D976,364
	EGM	006292181
CONTROL UNIT OptiStar 4.0: CG20, CG21, CG23, CG24	GB	90062921810001
	EGM	006318218
	GB	90063182180001
	GB	90063182180002
	CN	ZL201930503973.0
	US	D933026

Product	Country	Patent #
	CH, TR	DM/203728
MANUAL GUN	EGM	006292207
OptiSelect Pro: GM04	GB	90062922070001
	GB	90062922070002
	CN	ZL201930503972.6
	US	D959,606 S
	CH, TR	DM/202699
CONTROL UNIT	EGM	006364154
OptiStar All-in-One: CG22	GB	90063641540001
	CN	ZL201930504009.X
	INT	DM/205147
	US	D1008199
SUPPLY CHANGING APPARATUS FOR POWDER COATING SYSTEMS	US	8,567,341
MultiColor: CRS		
CARTRIDGE	EGM	8172654
OptiFlow: IG07	GB	90081726540001
	CN	202130143526.6
	US	D972,683
	CH, TR	DM/214446
CYCLONE SEPARATOR	DE	102021126241
EZ05	US	12,090,494
SPRAY GUN	EGM	015050674
OptiGun: GA04	CH	DM/239805
	TR	DM/239805
	CN	DM/239805
COATING BOOTH FOR COATING WORKPIECES WITH COATING MATERIAL	DE	202024101688
MagicCompact: BA04		