

Search History:

Limited Classification Search

The Patent Analyst performed a limited classification search within the following US, IPC, CPC, ECLA, or F-Term classification areas:

CPC Class/Subclass(es): H02G 3/081; H02G 3/088; Y10S 16/02 (2019.08)

IPC (8) Class/Subclass(es): H02G 3/08; B05B 12/20; B05B 12/26; B05B 12/28; B05B 12/32; B05B 12/36; H01R 13/447; H02G 3/12; H02G 3/14 (2019.01)

U.S. Class/Subclass(es): 118/504; 118/505; 174/66; 174/67; 220/241; 220/242

See Global Search Results.

Global Patent Literature Text Search

The Patent Analyst performed the following global text search, which was not limited by classification but may or may not have been limited by other criteria:

Minesoft PatBase: <https://www.patbase.com>

#	Search query	Results
1	PA=(Corey w3 Williamson)	0
2	INV=(Corey w3 Williamson)	1
3	TA=(electrical-outlet* or electrical-box* or electrical-socket* or (electric* w3 (outlet* or box* or socket*)) or light-switch* or (light w3 switch*))	158497
4	TA=(electrical-outlet* or electrical-box* or electrical-socket* or (electric* w3 (outlet* or box* or socket*)) or light-switch* or (light w3 switch*)) and ((cover* or shield*) w5 paint*)	161
5	PN=(US2017320088 OR US2016030964 OR US6927341 OR US6538202)	4
6	ctb 5 or ctf 5	105
7	ctb 5 or ctf 5 and paint*	57
8	ctb 5 or ctf 5 and paint* not (4)	34
9	PN=(US2008245546)	1
10	ctb 9 or ctf 9	61
11	ctb 9 or ctf 9 not (4 or 7)	29
12	PN=(US4822650)	1
13	ctb 12 or ctf 12	40
14	ctb 12 or ctf 12 not (4 or 7 or 10)	36
15	PN=(WO9117837 OR US5164238)	2
16	ctb 15 or ctf 15	39

17	ctb 15 or ctf 15 not (4 or 7 or 10 or 13)	32
18	TA=(electrical-outlet* or electrical-box* or electrical-socket* or (electric* w3 (outlet* or box* or socket*)) or light-switch* or (light w3 switch*)) and ((cover* or shield* or mask* or guard*) w15 adhesive*)	534
19	TA=(electrical-outlet* or electrical-box* or electrical-socket* or (electric* w3 (outlet* or box* or socket*)) or light-switch* or (light w3 switch*)) and ((cover* or shield* or mask* or guard*) w15 adhesive*) and paint*	90
20	TA=(electrical-outlet* or electrical-box* or electrical-socket* or (electric* w3 (outlet* or box* or socket*)) or light-switch* or (light w3 switch*)) and ((cover* or shield* or mask* or guard*) w15 adhesive*) and paint* not (4 or 7 or 10 or 13)	58
21	PN=(US9509080 OR US2017264059 OR US2017146205 OR EP3085460 OR GB2537624 OR US8835763 OR CA122110 OR US2007029177 OR US2006081391 OR DE102004038042 OR US6703562 OR US2003056968 OR US6317995 OR US5723816 OR CA2194593 OR US5525755 OR US5003128 OR USD279860 OR US2006283858 OR US7022915 OR US7186917 OR WO9117837 OR US2017320088 OR US2016030964 OR USD583205 OR US6927341 OR US6538202 OR US2008245546 OR US4822650 OR US5164238)	31
22	PN=(US2017320088 OR US2016030964 OR USD583205 OR US6927341 OR US6538202 OR US2008245546 OR US4822650 OR US5164238)	8
23	UC=(174/66 or 174/67 or 220/241 or 220/242 or 118/504 or 118/505)	3456
24	IC=(H01R13/447 or B05B12/20 or B05B12/26 or B05B12/28 or B05B12/32 or B05B12/36 or H02G3/08 or H02G3/12 or H02G3/14)	35577
25	CPC=(H02G3/081 or H02G3/088 or Y10S16/02)	3678
26	(23 or 24 or 25)	38675
27	(23 or 24 or 25) and ((adhesive* or glue* or tape*) w5 flang*)	182
28	(23 or 24 or 25) and ((adhesive* or glue* or tape*) w5 flang*) and (paint* or over%spray* or drip*)	34
29	(23 or 24 or 25) and ((adhesive* or glue* or tape*) w5 flang*) and (paint* or over%spray* or drip*) not (4 or 7 or 10 or 13 or 19)	29
30	(23 or 24 or 25) and (electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*))	10490
31	(23 or 24 or 25) and ((electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*)) w8 (cover* or shield* or mask* or guard*))	2247
32	(23 or 24 or 25) and ((electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*)) w8 (cover* or shield* or mask* or guard*)) and ((cover* or shield* or mask* or guard*) w15 (adhesive* or glue*))	168

33	(23 or 24 or 25) and ((electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*)) w8 (cover* or shield* or mask* or guard*)) and ((cover* or shield* or mask* or guard*) w15 (adhesive* or glue*)) not (4 or 7 or 10 or 13 or 19 or 28)	128
34	(23 or 24 or 25) and ((electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*)) w8 (cover* or shield* or mask* or guard*)) and ((cover* or shield* or mask* or guard*) w15 (paint* or over%spray*))	150
35	(23 or 24 or 25) and ((electrical%outlet* or electrical%box* or electrical%socket* or (electric* w3 (outlet* or box* or socket*)) or light%switch* or (light w3 switch*)) w8 (cover* or shield* or mask* or guard*)) and ((cover* or shield* or mask* or guard*) w15 (paint* or over%spray*)) not (4 or 7 or 10 or 13 or 19 or 28 or 32)	38
36	(23 or 24 or 25) and (paint%guard* or paint%shield* or paint%mask* or ((paint* or over%spray*) w4 (cover* or shield* or mask* or guard*)))	586
37	(23 or 24 or 25) and (paint%guard* or paint%shield* or paint%mask* or ((paint* or over%spray*) w4 (cover* or shield* or mask* or guard*))) and ((pocket* or depression*) w8 (fastener* or screw* or bolt*))	1
38	(23 or 24 or 25) and ((pocket* or depression*) w8 (fastener* or screw* or bolt*))	112
39	(23 or 24 or 25) and ((pocket* or depression*) w8 (fastener* or screw* or bolt*)) not (4 or 7 or 10 or 13 or 19 or 28 or 32 or 34)	110
40	PN=(US2010252296)	1
41	ctb 40 or ctf 40	11
42	PN=(US5525755)	1
43	ctb 42 or ctf 42	28
44	ctb 42 or ctf 42 not (40 or 41)	26
45	PN=(US2008245546 OR US7071413)	2
46	ctb 45 or ctf 45	69
47	ctb 45 or ctf 45 not (40 or 41 or 43)	55
48	PN=(US2003056968)	1
49	ctb 48 or ctf 48	37
50	ctb 48 or ctf 48 not (40 or 41 or 43 or 46)	16
51	PN=(US2017320088 OR US2016030964 OR USD583205 OR US6927341 OR US6538202 OR US2008245546 OR US4822650 OR US5164238 OR US4484021 OR US2010252296 OR US5525755 OR US2008245546 OR US7071413 OR US2003056968 OR US2006283858)	14
52	51 and adhesiv*	7
53	51 and adhesiv* and (bolt* or fastener* or screw*)	5

54	51 not 53	9
55	(23 or 24 or 25) and (double%bevel* or (double* w3 bevel*))	6
56	(23 or 24 or 25) and (bevel* w8 (screw* or bolt* or fastener*))	63
57	(23 or 24 or 25) and (bevel* w5 (pocket*))	0
58	PN=(US2010252296 OR US2003056968 OR US2008245546)	3

Computer Accessed Text Databases Searched

The Patent Analyst searched the following computer accessed text databases:

Google: <https://www.google.com/>

#	Search query	Results
1	universal electrical box shield flange adhesive seal pocket screw paint	1,190,000
2	universal electrical box cover flange adhesive seal pocket screw paint	1,890,000

Google Scholar: <https://scholar.google.com/>

#	Search query	Results
1	universal electrical box shield flange adhesive seal pocket screw paint	487
2	universal electrical box cover flange adhesive seal pocket screw paint	1,170

YouTube: <https://youtube.com>

#	Search query	Results
1	universal electrical box shield flange adhesive seal pocket screw paint	N/A
2	universal electrical box cover flange adhesive seal pocket screw paint	N/A

Date search was completed: 03 January 2020

DH/DD