

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): A61B 18/04; A61B 18/08; A61B 18/082; A61B 18/12; A61B 18/14; A61B 2018/1405; A61B 2018/1407; A61B 18/149; A61B 18/16; A61C 3/00 (2020.01)

IPC(8) Class/Subclass(es): A61B 18/04; A61B 18/08; A61B 18/12; A61B 18/14; A61B 18/16; A61C 3/00 (2020.01)

U.S. Class/Subclass(es): 606/39; 606/40; 606/41; 606/45; 606/48; 606/49; 606/50

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	INV=(STANLEY II ROBERT)	5
2	FT=(TREAT* NEAR TISSUE%)	98100
3	FT=(ELECTRODE% NEAR CURV*)	21803
4	FT=(CONTACT* W6 SURFAC*)	more than 1,000,000
5	FT=(SLIDE% OR SLIDING)	more than 1,000,000
6	FT=(ELECTROSURG* OR (ELECTRO W3 SURG*))	11275
7	FT=(REMOV* NEAR (TISSUE% OR EPITHEL*))	74728
8	FT=(WIPING*)	143158
9	FT=(SOCKET%)	more than 1,000,000
10	FT=(EPITHEL*)	143450
11	FT=(CURRENT%)	more than 1,000,000
12	2 AND 3 AND 4 AND 5	277
13	3 AND 5 AND 6	212
14	13 NOT 12	98
15	6 AND 8	161
16	6 AND 9 AND 10	45
17	3 AND 6 AND 7	226

18	17 NOT (12 OR 13)	109
19	5 AND 6 AND 10 AND 11	342
20	19 NOT (12 OR 13)	329
21	FT=(ABLAT*)	110441
22	21 AND 10	13271
23	22 AND 7	3763
24	23 AND 5 AND 4	507
25	24 NOT (12 OR 13)	459
26	FT=(CURV* NEAR CONTACT*)	73633
27	25 AND 26	24
28	PN=(US2017319255 OR US2013345620 OR US4449926)	3
29	RF=(TAG)	59
30	UC=(606/39)	345
31	UC=(606/40)	381
32	UC=(606/41)	4443
33	UC=(606/45)	1310
34	UC=(606/48)	677
35	UC=(606/49)	1066
36	UC=(606/50)	640
37	OR=30:36	6230
38	37 NOT 29	6190
39	38 AND 2 AND 3	396
40	38 AND 3 AND 4	350
41	40 NOT 39	92
42	38 AND 3 AND 5	302
43	42 NOT (39 OR 40)	48
44	38 AND 5 AND 6	1072
45	44 AND 7	470
46	45 NOT (39 OR 40 OR 42)	396
47	38 AND 8 AND 9	8
48	38 AND 10 AND 11	211

49	48 NOT (39 OR 40 OR 42)	167
50	38 AND 21 AND 26	155
51	50 NOT (39 OR 40 OR 42)	85
52	IC=(A61B18/04)	5135
53	IC=(A61B18/08)	2077
54	IC=(A61B18/12)	12422
55	IC=(A61B18/14)	14937
56	IC=(A61B18/16)	670
57	IC=(A61C3/00)	7195
58	OR=52:57	31802
59	58 NOT 29	31744
60	59 AND 2 AND 3	563
61	60 NOT 39	179
62	59 AND 3 AND 4	513
63	62 NOT (60 OR 40)	63
64	59 AND 3 AND 5	427
65	64 NOT (62 OR 60 OR 42)	27
66	59 AND 5 AND 6 AND 7	873
67	66 NOT (45 OR 62 OR 60)	392
68	59 AND 8 AND 9	32
69	68 NOT 47	24
70	59 AND 10 AND 11	545
71	70 NOT (62 OR 60 OR 48)	323
72	59 AND 21 AND 26	235
73	72 NOT (62 OR 60 OR 50)	70
74	CPC=(A61B18/04)	781
75	CPC=(A61B18/08)	575
76	CPC=(A61B18/082)	751
77	CPC=(A61B18/12)	2247
78	CPC=(A61B18/14)	3500
79	CPC=(A61B2018/1405)	241

80	CPC=(A61B2018/1407)	991
81	CPC=(A61B18/149)	478
82	CPC=(A61B18/16)	424
83	CPC=(A61C3/00)	1000
84	OR=74:83	8735
85	84 NOT 29	8695
86	85 AND 2 AND 3	279
87	86 NOT 60	4
88	85 AND 3 AND 4	254
89	88 NOT 62	4
90	85 AND 3 AND 5	202
91	90 NOT 64	1
92	85 AND 5 AND 6 AND 7	452
93	92 NOT 66	21
94	85 AND 8 AND 9	17
95	94 NOT 68	1
96	85 AND 10 AND 11	304
97	96 NOT 70	26
98	85 AND 21 AND 26	116
99	98 NOT 72	5
100	PN=(US2019159828)	1
101	(CTB 100) OR (CTF 100)	0
102	PN=(US3730188 OR US4221222 OR US4657016 OR US4754754 OR US5630812 OR US5683387 OR US5746746 OR US5913864 OR US5954686 OR US5984918 OR US6231571 OR US6238388 OR US6387093 OR US6409726 OR US6416512 OR US6447510 OR US6562036 OR US6572613 OR US6610057 OR US6673072 OR US6926717 OR US7094231 OR US7160295 OR US7507232 OR US7621744 OR US7879032 OR US7935110 OR USD441077 OR USD453222 OR US2004236203 OR US2007055226 OR US2008294160 OR US2009069802)	28
103	PN=(US2017000515 OR US3906955 OR US4674498 OR US4719914 OR US5234428 OR US5451223 OR US7097642 OR US8518033 OR US2003040744 OR US2016192979 OR US2016235466)	11
104	RF=(TAG)	133

105	104 AND 7	86
106	104 NOT 105	47
107	PN=(US5746746 OR US2003130653 OR US4811733 OR US2008140066 OR US2009171352 OR US2017319255)	6
108	(CTB 107) OR (CTF 107)	705
109	108 AND 6	497
110	109 AND 10	6
111	109 AND 5	200
112	6 AND 10	944
113	112 AND 21	374
114	PN=(US2018014880)	1
115	(CTB 114) OR (CTF 114)	11
116	PN=(US2016317221)	1
117	(CTB 116) OR (CTF 116)	179
118	10 AND 6 AND 3	20
119	FT=(INSERT* NEAR (CLEAN* OR WIPING))	28947
120	119 AND 6	53
121	PN=(US2016317221)	1
122	(CTB 121) OR (CTF 121)	179
123	122 AND 6	64
124	RF=(TAG)	145
125	124 AND 6 AND 10	14
126	PN=(US2014378965 OR US2017172646)	2
127	(CTB 126) OR (CTF 126)	34
128	PN=(US2017354476)	1
129	(CTB 128) OR (CTF 128)	7
130	FT=((CURV* W8 SURFAC*) NEAR CONTACT*)	24618
131	130 AND 6 AND 10	5
132	FT=(SLID* NEAR CONTACT*)	297291
133	132 AND 6 AND 10	19
134	PN=(US2017319255 OR US2009171352 OR WO9940858 OR US2017172646 OR US2014378965 OR US2003130653 OR US5746746)	7
135	(CTB 134) OR (CTF 134)	416

136	135 AND (6 OR 10 OR 21)	315
137	PN=(US5395363)	1
138	(CTB 137) OR (CTF 137)	211
139	138 AND (6 OR 10 OR 21)	191
140	RF=(TAG)	148
141	140 AND 10	25
142	PN=(US2014214021)	1
143	(CTB 142) OR (CTF 142)	23
144	PN=(US5766168)	1
145	FT=((EPITHEL* W4 LAYER*) NEAR (ABLAT* OR VAPOR*))	45
146	FT=(EPITHEL* W4 LAYER*)	9619
147	146 AND 6	114
148	FT=(EPITHEL* NEAR (ABLAT* OR VAPOR*))	373
149	148 AND 6	11
150	FT=(EPITHEL* NEAR ELECTR*)	1295
151	150 AND 6	15
152	PN=(US2006052776)	1
153	(CTB 152) OR (CTF 152)	20
154	FT=(BRUSH* NEAR EPITHEL*)	582
155	154 AND (6 OR 21)	58
156	PN=(US2018193083)	1
157	(CTB 156) OR (CTF 156)	3
158	FT=(ACELLULAR*)	6822
159	158 AND 6	28
160	FT=(HYPOPIGMENT*)	1981
161	160 AND 6	25
162	160 AND 21	229
163	FT=(ELECTROD*)	more than 1,000,000
164	162 AND 163	66
165	FT=((((WIDTH* OR SIZE%) W8 DIFFEREN*) NEAR ELECTROD*))	4493
166	165 AND 6	83

Google Patents: <https://patents.google.com>

#	Search query	Results
1	ELECTROSURGICAL TISSUE TREATING CURVED ELECTRODE	998
2	TISSUE TREATING SLIDING CONTACT SURFACE CURVED ELECTRODE	5,151
3	ELECTROSURGICAL SLIDING TISSUE REMOVING ELECTRODE WIPING	187

Computer Accessed Text Databases Searched

The Patent Analyst searched the following computer accessed text databases:

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

#	Search query	Results
1	ELECTROSURGICAL TISSUE TREATING CURVED ELECTRODE	153,000
2	TISSUE TREATING SLIDING CONTACT SURFACE CURVED ELECTRODE	1,470,000
3	ELECTROSURGICAL SLIDING TISSUE REMOVING ELECTRODE WIPING	64,200

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

#	Search query	Results
1	ELECTROSURGICAL TISSUE TREATING CURVED ELECTRODE	6,570
2	TISSUE TREATING SLIDING CONTACT SURFACE CURVED ELECTRODE	18,800
3	ELECTROSURGICAL SLIDING TISSUE REMOVING ELECTRODE WIPING	207

YouTube: <https://youtube.com>

#	Search query	Results
1	ELECTROSURGICAL TISSUE TREATING CURVED ELECTRODE	N/A
2	TISSUE TREATING SLIDING CONTACT SURFACE CURVED ELECTRODE	N/A
3	ELECTROSURGICAL SLIDING TISSUE REMOVING ELECTRODE WIPING	N/A

Date search was completed: 20 January 2020

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