

Title (en)
Electrical connector with locking hooks

Title (de)
Elektrischer Steckverbinder mit Verriegelungsklammern

Title (fr)
Connecteur électrique avec crochets de fermeture

Publication
EP 1622232 A1 20060201 (DE)

Application
EP 05013796 A 20050627

Priority
• DE 202005005241 U 20050402
• DE 202004011923 U 20040730

Abstract (en)
The large electrical units [3,4] are electrically connected and are fitted with mechanical handles [2] that are used to pull the contacts into engagement and also provide separation. The ends of the handle arms are shaped so as to be hinged to the base and to have a slot that locates on pins on the upper unit.

IPC 8 full level
H01R 13/629 (2006.01)

CPC (source: EP)
H01R 13/62938 (2013.01); **H01R 13/62966** (2013.01)

Citation (search report)
• [Y] DE 19828414 A1 19991230 - WHITAKER CORP [US]
• [Y] EP 0603542 A2 19940629 - BOSCH GMBH ROBERT [DE]
• [A] DE 9401378 U1 19940331 - HARTING ELEKTRONIK GMBH [DE]

Citation (examination)
• DE 10120846 A1 20021128 - WIELAND ELECTRIC GMBH [DE]
• DE 19633827 C1 19971120 - CONTACT GMBH [DE]
• DE 3937022 C1 19900927
• DE 2632338 C2 19830120
• DE 19830182 A1 20000120 - WIELAND ELECTRIC GMBH [DE]

Cited by
DE102008019009A1; DE102008028367B3; DE102008019009B4; GB2458002A; GB2458002B; US8376772B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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