

Title (en)  
Multi-contact connector

Title (de)  
Vielfachsteckverbinder

Title (fr)  
Connecteur multicontacts

Publication  
**EP 1708313 A3 20070620 (FR)**

Application  
**EP 06300261 A 20060322**

Priority  
FR 0550845 A 20050331

Abstract (en)  
[origin: EP1708313A2] The connector has a multi-contact connector case (1) presenting a housing defined by two lateral walls (20) on which locking zones (21) are formed. The zones are separated from each other by a space comprising a height (h 1) measured along the Y-axis. Another multi-contact connector case (60) has a locking enclosure (63) comprising two pairs of elastically deformable prongs (65) provided with locking zones (66) that are separated by a space comprising a height (h 2) measured along the Y-axis. The difference between the heights is different for a multiple of a pitch of teeth of the zones. An independent claim is also included for a method for assembling multi-contact connector cases in a removable manner.

IPC 8 full level  
**H01R 13/639** (2006.01)

CPC (source: EP US)  
**H01R 13/62927** (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US); **H01R 13/6275** (2013.01 - EP US); **H01R 13/62911** (2013.01 - EP US)

Citation (search report)  
• [A] US 4268103 A 19810519 - SCHILDKRAUT ALAN L, et al  
• [A] EP 0631347 A2 19941228 - WHITAKER CORP [US]

Cited by  
EP2503651A1; CN109863649A; EP2120298A1; FR2931305A1; US10326239B2; US7918675B2; US10181678B2; WO2018072940A1; WO2008050183A1; FR2973170A1; EP2654137A1; FR2989845A1; EP4228104A1; FR3132798A1; EP2654131A2; US8911263B2; US8651883B2; US8888517B2; EP3879639A1; FR3107997A1; US11509096B2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1708313 A2 20061004; EP 1708313 A3 20070620; EP 1708313 B1 20110302**; AT E500636 T1 20110315; DE 602006020368 D1 20110414; ES 2362108 T3 20110628; FR 2884059 A1 20061006; FR 2884059 B1 20070525; US 2006223373 A1 20061005; US 7329138 B2 20080212

DOCDB simple family (application)  
**EP 06300261 A 20060322**; AT 06300261 T 20060322; DE 602006020368 T 20060322; ES 06300261 T 20060322; FR 0550845 A 20050331; US 39158806 A 20060329