

Title (en)
Multicontact connector

Title (de)
Mehrkontaktstecker

Title (fr)
Connecteur multicontacts

Publication
EP 1873870 A3 20110302 (FR)

Application
EP 07301109 A 20070614

Priority
FR 0605816 A 20060628

Abstract (en)
[origin: EP1873870A2] The connector (1) has a retention component (30) for retaining inserts (8, 9) in cavities (5, 6) of a connector body (2). The component has an elastically deformable bracket that is movable between a locking position preventing the removal of one insert from one cavity and a retracted position allowing the removal of the insert from the cavity through a rear face (4) of the connector body. The bracket has support faces that are arranged such that force is applied to the support faces and directed towards a front face (3) and the rear face to retract the bracket, respectively. Independent claims are also included for the following: (1) an extraction tool for applying force on a retention component of a multi-contact connector (2) a method for removing an insert from a connector body.

IPC 8 full level
H01R 13/508 (2006.01)

CPC (source: EP US)
H01R 13/508 (2013.01 - EP US); **H01R 13/5025** (2013.01 - EP US); **H01R 43/22** (2013.01 - EP US); **Y10S 439/903** (2013.01 - EP)

Citation (search report)

- [IA] EP 0183587 A1 19860604 - SOGIE [FR]
- [A] US 5575691 A 19961119 - MATTHEWS RUSSELL H [US]

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1873870 A2 20080102; EP 1873870 A3 20110302; EP 1873870 B1 20120222; AT E546861 T1 20120315; ES 2381995 T3 20120604; FR 2903238 A1 20080104; FR 2903238 B1 20081003; US 2008003886 A1 20080103; US 7581984 B2 20090901

DOCDB simple family (application)
EP 07301109 A 20070614; AT 07301109 T 20070614; ES 07301109 T 20070614; FR 0605816 A 20060628; US 81205707 A 20070614