

Title (en)
Electrical connector assembly

Title (de)
Elektrische Verbinderanordnung

Title (fr)
Ensemble de connexion électrique

Publication
EP 1744411 A3 20091202 (FR)

Application
EP 06300792 A 20060711

Priority
FR 0507459 A 20050712

Abstract (en)
[origin: EP1744411A2] The assembly has a panel (2) having two abutment elements (12, 14), and an electrical connector (4) engaged via an opening (3) of the panel and having two locking portions (10). The portions have a locking surface arranged to press against the element (12) while the connector is turned relative to the panel such that the connector is locked on the panel. The connector is immobilized relative to the panel by pressing against the elements. The connector has a clamping surface having a plane low portion arranged to press against a face (6) of the panel with a certain amount of pressure. Independent claims are also included for the following: (1) a panel for an electrical connection assembly (2) an electrical connector for an electrical connection assembly (3) a method for realizing the assembling of a connector on a panel of an electrical connection assembly.

IPC 8 full level
H01R 13/74 (2006.01); **H02G 3/22** (2006.01)

CPC (source: EP US)
H01R 4/64 (2013.01 - EP US); **H01R 13/74** (2013.01 - EP US); **H01R 13/743** (2013.01 - EP US)

Citation (search report)

- [X] US 4029953 A 19770614 - NATOLI RICHARD A
- [X] US 3894205 A 19750708 - LIST JOSEPH O, et al
- [X] US 4427255 A 19840124 - COX CHARLES W [US]
- [X] DE 19618818 A1 19971113 - BERKER GEB [DE]
- [X] EP 0893852 A2 19990127 - ITT MFG ENTERPRISES INC [US]
- [X] US 6800808 B1 20041005 - CHUNG MING-TSAI [TW]
- [X] US 6508666 B1 20030121 - FRANCIS MICHAEL E [US]
- [X] US 2002066847 A1 20020606 - BELKNAP LEE J [US]
- [X] DE 19907798 C1 20000713 - DAIMLER CHRYSLER AG [DE]
- [A] US 5624167 A 19970429 - KATZ JONATHAN M [US]

Cited by
FR2978366A1; EP2151897A1; EP2205980A4

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 RS

DOCDB simple family (publication)
EP 1744411 A2 20070117; EP 1744411 A3 20091202; EP 1744411 B1 20160120; CN 100578871 C 20100106; CN 1897364 A 20070117; ES 2567852 T3 20160426; FR 2888677 A1 20070119; FR 2888677 B1 20101210; TW 200719545 A 20070516; TW I379473 B 20121211; US 2007015403 A1 20070118; US 7357669 B2 20080415

DOCDB simple family (application)
EP 06300792 A 20060711; CN 200610091100 A 20060712; ES 06300792 T 20060711; FR 0507459 A 20050712; TW 95125512 A 20060712; US 48469306 A 20060712