

Title (en)

Retaining device for a contact insert in a connector casing

Title (de)

Einrichtung zur Befestigung eines Steckverbinderkontakteinsatzes in einem Steckverbindergehäuse

Title (fr)

Dispositif de retenue pour une pièce d'insertion de contacts dans un boîtier de connecteur

Publication

EP 1443609 A3 20060607 (DE)

Application

EP 03028089 A 20031209

Priority

DE 10303800 A 20030131

Abstract (en)

[origin: US2004152364A1] In order to fix a connector contact insert that is provided with sheet metal flanges in a connector housing that is composed of two interconnectable rectangular shells, the invention proposes a mounting device that is respectively arranged in the corner regions of the shells. The device respectively comprises two integral elements that are spaced apart from one another and form a receptacle slot, wherein differently shaped spring elements can, depending on the respective application, be pushed onto said integral elements or fixed on the shell housing. When assembling the connector, the sheet metal flanges are inserted into the receptacle slots and the two shells are interconnected, wherein the spring elements ensure a shakeproof mounting of the connector contact insert in the connector housing.

IPC 8 full level

H01R 13/508 (2006.01); **H01R 13/46** (2006.01); **H01R 13/516** (2006.01)

CPC (source: EP US)

H01R 13/516 (2013.01 - EP US); **H01R 13/508** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0684665 A2 19951129 - MOLEX INC [US]
- [Y] US 4544227 A 19851001 - HIROSE TAKAO [JP]

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DE102015017352B3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2004152364 A1 20040805; **US 6969283 B2 20051129**; AT E368950 T1 20070815; CA 2453859 A1 20040731; CA 2453859 C 20080318; CN 100483855 C 20090429; CN 1519993 A 20040811; DE 10303800 B3 20040603; DE 50307807 D1 20070913; EP 1443609 A2 20040804; EP 1443609 A3 20060607; EP 1443609 B1 20070801; ES 2291584 T3 20080301; JP 2004235156 A 20040819; JP 4005570 B2 20071107

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