

Title (en)

Plug connector with captive sealing member

Title (de)

Steckverbinder mit einem an dem Gehäuse des Steckverbinders angeordneten unverlierbaren Dichtelement

Title (fr)

Connecteur électrique avec joint d' étanchéité captif

Publication

**EP 1755196 A2 20070221 (DE)**

Application

**EP 06014773 A 20060715**

Priority

DE 102005039506 A 20050820

Abstract (en)

The connector has openings (3) for the accommodation of a contact carrier (2) having a contact partner, where the carrier is surrounded by a casing (4) made of plastic material. A sealing unit (6) is arranged at the casing in un-detachable manner by a connection (7) that is designed as a film hinge. The sealing unit is brought from one position to its final position to produce a sealing effect between the connector and a counter connector in a joined condition. The sealing unit is fixed to the carrier in a force-fit or form-fit manner and formed as a single-piece with the casing.

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP)

**H01R 13/501** (2013.01); **H01R 13/5202** (2013.01)

Citation (applicant)

- US 3120187 A 19640204 - GIULIO WYSER
- DE 19646293 C1 19980212 - LUMBERG KARL GMBH & CO [DE]

Cited by

DE202013003600U1; WO2011141794A2; WO2012062855A1

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)

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