

Title (en)

Seal and more particularly sealing mat for at least one electrical connector

Title (de)

Dichtung, insbesondere Dichtungsmatte, für mindestens einen elektrischen Steckverbinder

Title (fr)

Étanchéité et plus particulièrement joint d'étanchéité pour au moins un connecteur électrique

Publication

EP 1791223 A3 20071205 (DE)

Application

EP 06024453 A 20061124

Priority

DE 102005056328 A 20051125

Abstract (en)

[origin: EP1791223A2] The sealing (1) has a base plate (3), and an opening (5) formed in the base plate for holding contacts of a plug-in connector. A sealing lip (23) is attached to the connector in a fluid-tight manner and is swivellably fastened in an area of an inner wall of the opening in an elastic manner. A hinge enables a swivellable movement of the sealing lip around a swivellable axis. The hinge and the sealing lip are designed in the form of a spade. The base plate, hinge and sealing lip are formed from plastic.

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP)

H01R 13/521 (2013.01); **H01R 13/5216** (2013.01)

Citation (search report)

- [X] EP 0151944 A2 19850821 - ALLIED CORP [US]
- [X] DE 4101375 C1 19920430
- [A] DE 1515806 A1 19691211 - KABEL METALLWERKE GHH
- [PA] WO 2006108609 A1 20061019 - FRAMATOME CONNECTORS INT [FR], et al
- [AD] FR 2844645 A1 20040319 - CINCH CONNECTEURS SA [FR]
- [X] DE 2844787 A1 19790503 - BUNKER RAMO
- [X] US 6672893 B1 20040106 - SEDLECKY DANIEL P [US], et al
- [X] JP 2001176600 A 20010629 - SHIIRAKKUSU KK
- [X] EP 1450445 A1 20040825 - SONION ROSKILDE AS [DK]
- [A] DATABASE WPI Week 199649, Derwent World Patents Index; AN 1996-490758, XP002442663

Cited by

CH709976A1; CN102640364A; EP2456019A1; CN102570145A; EP2852857A4; US8550844B2; US9684138B2; WO2011030187A1; EP3790120A1; US11495908B2; US11539158B2

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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