

Title (en)

High current interface for vehicles

Title (de)

Hochstromschnittstelle für Kraftfahrzeuge

Title (fr)

Interface à courant fort pour véhicules automobiles

Publication

**EP 1622226 A1 20060201 (DE)**

Application

**EP 05016023 A 20050722**

Priority

- DE 202004011975 U 20040730
- DE 202004013160 U 20040823

Abstract (en)

A plug connector has a flat contact lug. A jack (1) is designed as a flat casing (2) with a flat pocket-type push-in channel for the contact lug. The push-in channel is formed by ribbed walls that lie opposite each other and fit in the casing in a springy manner.

IPC 8 full level

**H01R 13/115** (2006.01)

CPC (source: EP)

**H01R 13/113** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)

- DE 3629740 A1 19870326 - AMP INC [US]
- DE 10041516 A1 20020314 - HARTING AUTOMOTIVE GMBH & CO [DE]

Citation (search report)

- [X] US 2003060090 A1 20030327 - ALLGOOD CHRISTOPHER L [US], et al
- [X] WO 03026075 A1 20030327 - ALCOA FUJIKURA LTD [US], et al
- [X] US 4934965 A 19900619 - BUDDRUS HARTMUT [DE], et al
- [X] US 5924900 A 19990720 - DAVIS WAYNE SAMUEL [US], et al
- [X] DE 10244946 A1 20030417 - TYCO ELECTRONICS AMP GMBH [DE]
- [X] DE 3906625 C1 19900118 - KOSTAL LEOPOLD GMBH & CO KG [DE]

Cited by

DE102016206227A1; EP1994607A4; KR20160055909A; WO2023213346A1; US9065192B2; WO2011113595A1; WO2015041853A1; DE202022102513U1; DE102022111406A1; EP3047542B1

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

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