

Title (en)

Connector housing for at least partially holding a plug-in housing component and electrical connector assembly for connecting a male contact element and a female contact element

Title (de)

Steckgehäuse zum zumindest teilweisen Aufnehmen eines Gehäuseeinsteckbauteils und elektrische Steckverbindungsanordnung zum Miteinander-Verbinden eines männlichen Kontaktelements und eines weiblichen Kontaktelements

Title (fr)

Boîtier de connexion destiné à loger au moins partiellement un élément connecteur de boîtier et agencement de connecteur à fiches destiné à relier entre eux un élément de contact mâle et un élément de contact femelle

Publication

EP 2683036 B1 20170405 (DE)

Application

EP 13173022 A 20130620

Priority

DE 102012105839 A 20120702

Abstract (en)

[origin: EP2683036A1] The housing (12) has a base body including a passage opening (20), which is arranged in a bottom wall of a recess. The passage opening extends through the base body. A section (50) of a male contact element (28) is pluggable in the recess through the passage opening. A U-shaped contact element (30) is arranged adjacent to the passage opening in the recess, and projects into the recess such that the section of the male contact element is laid at a side of the U-shaped contact element, where the side points towards the passage opening. An independent claim is also included for an electrical plug connecting arrangement.

IPC 8 full level

H01R 12/70 (2011.01)

CPC (source: EP)

H01R 12/7088 (2013.01)

Citation (opposition)

Opponent : **WAGO Kontakttechnik GmbH & Co. KG**

- US 2011104916 A1 20110505 - O'LEARY TIMOTHY [US], et al
- DE 4411187 A1 19941013 - TERADYNE INC [US]
- DE 4004385 A1 19900830 - HOSIDEN ELECTRONICS CO [JP]
- EP 0887896 A2 19981230 - SIEMENS AG [DE]
- DE 60202528 T2 20060323 - TYCO ELECTRONICS CORP [US]
- DE 60205893 T2 20060614 - TYCO ELECTRONICS CORP [US]
- DE 202008002091 U1 20080424 - PHOENIX CONTACT GMBH & CO [DE]
- DE 102010017262 A1 20111208 - PHOENIX CONTACT GMBH & CO [DE]

Cited by

JP2020129461A; EP3591768A1; JP2020017522A; US10855018B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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