

Title (en)

Electrical connector with latched insulating body which can be detached with a tool and release tool

Title (de)

Elektrischer Steckverbinder mit verrastetem steckseitig Werkzeug lösbarem Isolierkörper und Entriegelungswerkzeug

Title (fr)

Connecteur à fiche électrique avec un corps isolant amovible par outil enclenché du côté enfichage et outil de déverrouillage

Publication

EP 2736124 B1 20160203 (DE)

Application

EP 12401236 A 20121126

Priority

EP 12401236 A 20121126

Abstract (en)

[origin: EP2736124A1] The electrical connector (1) has an insulating body (3), which is releasable by a tool from the plug side (7) of a housing section (5). A locking device (10) and a receiving recess (12) are separated in the circumferential direction of housing section. The locking device has two shell-shaped locking units (4), which are separated from one another. The receiving recess has a corresponding number of locking unit receptacles (11) for the locking units. The locking units are for the locking unit receptacles and each has a support element for the insulating body, which is sticking out laterally. An independent claim is also included for an unlocking tool for the insulating body of an electrical connector.

IPC 8 full level

H01R 13/508 (2006.01); **H01R 43/22** (2006.01); **H01R 13/426** (2006.01); **H01R 13/506** (2006.01); **H01R 13/639** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP US)

H01R 13/508 (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US); **H01R 43/22** (2013.01 - EP US); **H01R 13/426** (2013.01 - EP US); **H01R 13/506** (2013.01 - EP US); **H01R 2107/00** (2013.01 - EP US)

Cited by

CN110561333A; DE102015011528B3; DE102014207137A1; EP3139450A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2736124 A1 20140528; **EP 2736124 B1 20160203**; DK 2736124 T3 20160418; US 2014148032 A1 20140529; US 9209565 B2 20151208

DOCDB simple family (application)

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