

Title (en)

Device connector with integrated filter building block

Title (de)

Geräte-Steckvorrichtung mit integriertem Filterbaustein

Title (fr)

Dispositif de raccordement d'appareils doté d'un module de filtre intégré

Publication

EP 2015407 A3 20100630 (DE)

Application

EP 08011564 A 20080626

Priority

CH 11232007 A 20070712

Abstract (en)

[origin: EP2015407A2] The connector has a filter device (20) with three conductors. Two contacts (A, B) are connected with the respective attachments (A', B') via respective two conductors. A third conductor exhibits a protection plate (22) that extends along a transverse plane of a filter casing (40). The protection plate is provided with a set of contact fingers (22.2) at an edge side along a largest part of circumference of the plate. The contact fingers rest on an inner side of the filter casing under elastic tension. The filter casing has a contact surface (41) for producing a ground connection.

IPC 8 full level

H01R 13/658 (2011.01); **H01R 13/719** (2011.01)

CPC (source: EP US)

H01R 13/652 (2013.01 - EP US); **H01R 13/6582** (2013.01 - EP US); **H01R 13/7195** (2013.01 - EP US); **H01R 24/70** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0173991 A1 19860312 - SIEMENS AG [DE]
- [Y] WO 03105285 A1 20031218 - ANDERSON POWER PRODUCTS [US], et al
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CN110943319A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2015407 A2 20090114; **EP 2015407 A3 20100630**; US 2009017686 A1 20090115; US 7744419 B2 20100629

DOCDB simple family (application)

EP 08011564 A 20080626; US 21785508 A 20080709