

Title (en)
POWER CONNECTOR

Title (de)
NETZANSCHLUSS

Title (fr)
CONNECTEUR ÉLECTRIQUE

Publication
EP 3185370 B1 20191113 (EN)

Application
EP 15834229 A 20150106

Priority
• CN 201420479324 U 20140822
• CN 2015070198 W 20150106

Abstract (en)
[origin: EP3185370A1] A power connector, comprising a power line (11), a power supply connector plug (12), a power supply connector socket (13) and a structural member (14). The power line comprises, at one end connected to the power supply connector plug, a power supply cable shielding wire (111) formed by a power line shielding layer and a power supply wire (112) separated from the shielding layer. The power supply connector plug comprises a shielding wire storage region for storing the power supply cable shielding wire, a metallic screw (122) for fixing the power supply cable shielding wire, two metallic elastic sheets (123) connected to the structural member, and two metallic sheets (124) connected to the two metallic elastic sheets respectively; the two metallic sheets and the two metallic elastic sheets are located on both sides of the power supply connector plug respectively; the metallic screw is located on one side of the power supply connector plug and is connected to one of the metallic sheets of the power supply cable shielding wire in the shielding wire storage region; and the other metallic sheet extends to an inner wall of the power supply cable shielding wire storage region and is connected to the power supply cable shielding wire after the metallic screw is tightened.

IPC 8 full level
H01R 13/6581 (2011.01); **H01R 13/6582** (2011.01); **H01R 13/6592** (2011.01); **H01R 24/30** (2011.01)

CPC (source: EP)
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Citation (examination)
• US 6174182 B1 20010116 - KUO PETER [TW]
• US 3643208 A 19720215 - MASSA FRANK JR

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 3185370 A1 20170628; **EP 3185370 A4 20170802**; **EP 3185370 B1 20191113**; CN 204243367 U 20150401; WO 2016026262 A1 20160225

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