

Title (en)

ELECTRICAL POWER OUTLET WITH EXTRACTOR AND PLATFORM FOR TYPE C, E OR F PLUG

Title (de)

ELEKTRISCHER ENERGIEAUSGANG MIT EXTRAKTOR UND PLATTFORM FÜR STECKER VOM TYP C, E ODER F

Title (fr)

PRISE DE COURANT ÉLECTRIQUE À EXTRACTEUR ET PLATE-FORME POUR PRISE DE TYPE C, E OU F

Publication

EP 3586407 C0 20230712 (EN)

Application

EP 18724629 A 20180222

Priority

- RO 201700108 A 20170224
- RO 2018000003 W 20180222

Abstract (en)

[origin: WO2018156040A1] The invention relates to an electrical power outlet with or without earthing, simple or double, fixed or multiple, mobile or adapting with one, two or more connecting posts with extractor and platform for type "C", type "E" or type "F" plug, according to the international classification of the low-voltage electrical equipments, each post having two bilamellar or unilamellar extractors placed in a face-to-face arrangement and acting on a free platform's underside to effect extraction of the plug. According to the invention, the power outlet has a lower semi-casing (I') in whose hollow body (64) there are provided some supports (cxlv) placed two by two in a face-to-face arrangement, and under each support (cxlv), in a recess (dxlv) of the support (cxlv) there is mounted a resilient lamella (65), having the ends profiled, which pass through two narrow slots, the lamella (65) having a central profiled prominence, provided with a through hole, delimited by a wall with thread, placed in front of another through hole, machined centrally, in the support (cxlv), which allows the total or partial passage through them of a screw (66) which finally enters a through hole machined in a lower wall, under the lamella of the said unilamellar extractor (L') through some guiding through holes, machined in the lower wall which delimits the said receiving enclosure, there entering two cylindrical long guides, resilient at their lower side, as a consequence of the existence of a channel, at the outer side of which there are provided two lower blocking shoulders which belong to the free platform guided at the lower side, with commanded upper positioning, by the lamellas of the extractor extend entirely in the receiving enclosure.

IPC 8 full level

H01R 13/635 (2006.01); **H01R 13/633** (2006.01)

CPC (source: EP)

H01R 13/633 (2013.01); **H01R 13/635** (2013.01)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

WO 2018156040 A1 20180830; EP 3586407 A1 20200101; EP 3586407 B1 20230712; EP 3586407 C0 20230712; ES 2959336 T3 20240223; PL 3586407 T3 20231218; RO 132793 A2 20180830; RO 132793 B1 20201030

DOCDB simple family (application)

RO 2018000003 W 20180222; EP 18724629 A 20180222; ES 18724629 T 20180222; PL 18724629 T 20180222; RO 201700108 A 20170224