

Title (en)
FRONT COVER DEVICE FOR POWER SOCKET AND POWER SOCKET EQUIPPED WITH SUCH A FRONT COVER DEVICE

Title (de)
VORDERE ABDECKUNGSVORRICHTUNG FÜR STECKDOSE UND STECKDOSE MIT EINEM SOLCHEN VORDERABDECKUNGSGERÄT AUSGESTATTET

Title (fr)
DISPOSITIF DE COUVERTURE POUR PRISE D'ALIMENTATION ET PRISE D'ALIMENTATION ÉQUIPÉE D'UN TEL DISPOSITIF DE COUVERTURE

Publication
EP 3352308 A1 20180725 (EN)

Application
EP 17305066 A 20170123

Priority
EP 17305066 A 20170123

Abstract (en)
This invention relates to a front cover device for power socket, comprising a terminal socket (5), said front cover device comprising a cover (1) provided to be mounted on said terminal socket, a mobile element (2) mounted movable in translation in the cover and having at least two front access holes (20, 21) for the pins of a plug and elastic means (4) able to exert a return force on the mobile element. The mobile element further comprises a closure system, each said front access hole being at least substantially closed or covered by the closure system able to be crossed, through elastic deformation, by the pins and to elastically return toward its original form of closing after their removal. It also relates to a power socket equipped with such a front cover device.

IPC 8 full level
H01R 13/453 (2006.01); **H01R 13/52** (2006.01); **H01R 24/78** (2011.01)

CPC (source: EP)
H01R 13/4534 (2013.01); **H01R 13/4538** (2013.01); **H01R 13/5213** (2013.01); **H01R 24/78** (2013.01)

Citation (applicant)
FR 2978876 A1 20130208 - LEGRAND FRANCE [FR], et al

Citation (search report)

- [IY] US 5466164 A 19951114 - MIYAZAKI SHO [JP], et al
- [Y] US 6015306 A 20000118 - JEN TSANG LAN [TW]
- [Y] EP 0654857 A1 19950524 - MERLIN GERIN [FR]
- [Y] EP 2456024 A1 20120523 - LEGRAND FRANCE [FR]
- [Y] EP 2555336 A1 20130206 - LEGRAND FRANCE [FR], et al

Cited by
EP3945641A1; FR3095722A1; EP3764478A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3352308 A1 20180725; EP 3352308 B1 20201104; WO 2018134282 A1 20180726

DOCDB simple family (application)
EP 17305066 A 20170123; EP 2018051155 W 20180118