

Title (en)
DEVICE FOR LOCKING A PLUG ON A SWITCHABLE POWER SOCKET

Title (de)
VORRICHTUNG ZUR VERRIEGELUNG EINES STECKERS AN EINER SCHALTSTECKDOSE

Title (fr)
DISPOSITIF DE VERROUILLAGE D'UNE PRISE MÂLE À UNE PRISE DE COMMUTATION FEMELLE

Publication
EP 3430690 A1 20190123 (DE)

Application
EP 17706978 A 20170220

Priority
• DE 102016204505 A 20160318
• EP 2017053791 W 20170220

Abstract (en)
[origin: WO2017157616A1] A device (200) for protecting a plug-in connection between a first power plug (211) of an electric appliance (110) and a switchable power socket (120) is described, wherein the switchable power socket (120) comprises a socket (210) for receiving the first power plug (211) and a second power plug (230) for coupling the switchable power socket (120) to an electric mains (130). The device (200) comprises a wall (310, 320, 330) which is designed, when the device is installed, to at least partially surround the switchable power socket (120) with the first power plug (211) plugged therein. The wall (310, 320, 330) comprises a plug-side recess (421, 422) in which the second power plug (230) at least partially penetrates the wall (310, 320, 330), when the device is installed. Furthermore, the wall (310, 320, 330) is designed in such a manner that said wall (310, 320, 330) at least partially covers the first power plug (211), when the device is installed, in order to prevent the first power plug (211) from being pulled out of the socket (210).

IPC 8 full level
H01R 13/639 (2006.01); **H01R 13/703** (2006.01); **H01R 24/28** (2011.01)

CPC (source: EP US)
H01R 13/6395 (2013.01 - US); **H01R 13/6397** (2013.01 - EP); **H01R 13/7038** (2013.01 - US); **H01R 24/28** (2013.01 - US);
H01R 13/7038 (2013.01 - EP); **H01R 24/28** (2013.01 - EP)

Citation (search report)
See references of WO 2017157616A1

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)
WO 2017157616 A1 20170921; CN 108780970 A 20181109; CN 108780970 B 20200821; DE 102016204505 A1 20170921;
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EP 2017053791 W 20170220; CN 201780017674 A 20170220; DE 102016204505 A 20160318; EP 17706978 A 20170220;
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