

Title (en)
PUSH-ON SOCKET

Title (de)
AUFSTECKBUCHSE

Title (fr)
PRISE ENFICHABLE

Publication
EP 3707783 A1 20200916 (EN)

Application
EP 18799746 A 20181106

Priority
• CN 201721468008 U 20171107
• EP 2018080368 W 20181106

Abstract (en)
[origin: WO2019091985A1] An electrical socket (1) comprising: - a base (8) comprising terminals (10) configured to be connecting to mains, - a casing (6) mounted on said base (8) and comprising an inner tubular wall (63) extending along an axis of engagement (A) oriented towards said base (8), - a movable plate (4) coupled to said inner tubular wall (63) of the casing (6) and configured to translate along said axis of engagement (A) between a waiting position and a locking position, and vice versa, - at least one locking system (9) coupled to said base (8) and extending/oriented perpendicular to said axis of engagement (A), and, when the movable plate (4) is pressed towards the base (8) said at least one locking system (9) fixes the movable plate (4) in the locking position, and when the movable plate (4) is pressed again towards the base (8), said movable plate (4) releases itself and the movable plate (4) moves upwards to return to the waiting position.

IPC 8 full level
H01R 13/453 (2006.01); **H01R 13/71** (2006.01)

CPC (source: EP)
H01R 13/4532 (2013.01); **H01R 13/635** (2013.01); **H01R 24/76** (2013.01); **H01R 13/4538** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
See references of WO 2019091985A1

Cited by
FR3137800A1

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 2019091985 A1 20190516; CN 207559185 U 20180629; EP 3707783 A1 20200916; EP 3707783 B1 20220622; ES 2923112 T3 20220923; PL 3707783 T3 20220801; RU 2020112864 A 20211208; RU 2020112864 A3 20220118

DOCDB simple family (application)
EP 2018080368 W 20181106; CN 201721468008 U 20171107; EP 18799746 A 20181106; ES 18799746 T 20181106; PL 18799746 T 20181106; RU 2020112864 A 20181106