

Title (en)
ROTATABLE PLUG SOCKET

Title (de)
DREHBARE STECKDOSE

Title (fr)
PRISE DE COURANT ROTATIVE

Publication
EP 4135131 A1 20230215 (EN)

Application
EP 21190335 A 20210809

Priority
EP 21190335 A 20210809

Abstract (en)
A rotatable plug socket (100) comprises a base housing (102) and a receiving part (104) for receiving a plug. The receiving part (104) and the base part (102) are mechanically coupled to permit a rotation of the receiving part (104) relative to the base housing (102). The receiving part (104) has first electrical contacts (110) for establishing electrical contact with corresponding electrical contacts of a plug. Electrical terminals for connecting electrical wiring are provided in the base housing (102), which are electrically connected to two dimensionally rigid conductors (114), likewise arranged in the base housing (102), having sections that are arc shaped. The receiving part (104) has two second electrical contacts (116), each of which being electrically coupled to a respective first electrical contact (110) of the receiving part (104), and each of which being in sliding electrical contact with a respective one of the dimensionally rigid conductors (114).

IPC 8 full level
H01R 24/78 (2011.01); **H01R 35/04** (2006.01)

CPC (source: EP)
H01R 24/78 (2013.01); **H01R 35/04** (2013.01)

Citation (applicant)
DE 4433144 A1 19960321 - KOPP HEINRICH AG [DE]

Citation (search report)
• [X] US 2015311658 A1 20151029 - ZAMARRON DANIEL L [US]
• [XDAI] DE 4433144 A1 19960321 - KOPP HEINRICH AG [DE]
• [A] US 2006110948 A1 20060525 - GERARD KIMBERLY R [US]
• [A] US 5484299 A 19960116 - SCHLESSINGER MARC A [US]

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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