

Title (en)
ROTARY ACCESSORY FOR POWER SOCKET

Title (de)
ZUBEHÖRTEIL FÜR DREHBARE ELEKTRISCHE STECKDOSE

Title (fr)
ACCESSOIRE DE PRISE ÉLECTRIQUE ROTATIF

Publication
EP 3876363 B1 20221102 (FR)

Application
EP 21159330 A 20210225

Priority
FR 2002140 A 20200303

Abstract (en)
[origin: CN113871982A] The invention discloses an electrical socket accessory. The electrical socket accessory is characterized by comprising: a support; an active component rotating relative to the support along a rotation axis (X); a slot rotation mechanism that allows the support to rotate relative to the active component. The slot rotation mechanism comprises: a leaf spring comprising at least one slot and a stop for integration with the support or the active component; and the cylindrical part that comprises a notch of which the shape is complementary to that of the notch of the leaf spring. The leaf spring elastically deforms by bending when the active component is rotated from one angular position to another angular position with respect to the support; and at each angular position, the notch of the leaf spring is respectively in contact with a complementary notch of the cylindrical part.

IPC 8 full level
H01R 25/00 (2006.01); **H01R 35/04** (2006.01); **H01R 24/76** (2011.01)

CPC (source: CN EP)
H01R 13/502 (2013.01 - CN); **H01R 24/20** (2013.01 - CN); **H01R 25/006** (2013.01 - EP); **H01R 35/00** (2013.01 - CN); **H01R 35/04** (2013.01 - EP); **H01R 13/518** (2013.01 - EP); **H01R 24/76** (2013.01 - EP)

Citation (examination)
KR 100682724 B1 20070216 - EDISON ELECTRIC CO LTD [KR]

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

DOCDB simple family (publication)
EP 3876363 A1 20210908; **EP 3876363 B1 20221102**; CN 113871982 A 20211231; ES 2937418 T3 20230328; FR 3107993 A1 20210910; FR 3107993 B1 20230512

DOCDB simple family (application)
EP 21159330 A 20210225; CN 202110253543 A 20210303; ES 21159330 T 20210225; FR 2002140 A 20200303