

Title (en)  
ROTARY ACCESSORY FOR POWER SOCKET

Title (de)  
ZUBEHÖRTEIL FÜR DREHBARE ELEKTRISCHE STECKDOSE

Title (fr)  
ACCESSOIRE DE PRISE ÉLECTRIQUE ROTATIF

Publication  
**EP 3876363 A1 20210908 (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.

Abstract (fr)  
Un aspect de l'invention concerne un accessoire de prise électrique 1 comprenant- un support 13a, 13b et une partie active 11 rotative par rapport au support 13a, 13b, selon un axe de rotation X,- un mécanisme de rotation à cran 3a, 3b permettant la rotation du support 13a, 13b, par rapport à la partie active 11, comprenant :- une lame ressort 30a, 30b comprenant au moins un cran 300, et- une partie cylindrique 31a, 31b, comprenant des crans 311, de forme complémentaire avec le cran 300,- dans lequel la lame ressort 30a, 30b, se déforme élastiquement en fléchissant lorsque la partie active 11 tourne par rapport au support 13a, 13b, d'une position angulaire à une autre position angulaire et en ce que dans chaque position angulaire, le cran 300, de la lame ressort 30a, 30b, est en contact avec respectivement un des crans 311.

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 (applicant)  
FR 2897724 A1 20070824 - LEGRAND FRANCE [FR], et al

Citation (search report)  
• [A] EP 2515391 A1 20121024 - LEGRAND FRANCE [FR], et al  
• [A] US 2015295375 A1 20151015 - BYRNE NORMAN R [US], et al  
• [AD] FR 2897724 A1 20070824 - LEGRAND FRANCE [FR], et al

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 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