Title (en)

ROTARY SWITCH, PARTICULARLY FOR A HOUSEHOLD APPLIANCE

Title (de)

DREHSCHALTER INSBESONDERE FÜR EIN HAUSHALTSGERÄT

Title (fr)

COMMUTATEUR ROTATIF, NOTAMMENT POUR APPAREIL MENAGER

Publication

EP 1789983 B1 20151014 (DE)

Application

EP 05771984 A 20050808

Priority

- EP 2005053884 W 20050808
- DE 102004042085 A 20040831

Abstract (en)

[origin: WO2006024589A1] The invention relates to a rotary multistep switch comprising an insulating ring on which contact fields having terminal lugs are held while being arranged in sectors and being electrically insulated from one another by means of insulating surfaces, and comprising a rotor which can be rotated about an axis into different switching positions by an actuating element. Said rotor supports a switching bridge for electrically connecting at least two of the contact fields in at least one of the switching positions of the rotor. In order to create a rotary multistep switch, particularly for household appliances, which has a simple structural design, the invention provides that the insulating ring has plug locations, which are formed according to the sectors and into which the contact fields are axially plugged in. This simplifies the assembly of the rotary multistep switch and it is possible, with simple means, to adapt the rotary multistep switch to different switching patterns for different electrical appliances.

IPC 8 full level

H01H 19/58 (2006.01); **H01H 11/06** (2006.01)

CPC (source: EP)

H01H 11/06 (2013.01); **H01H 19/58** (2013.01); H01H 2019/008 (2013.01)

Citation (examination)

- FR 2272767 A1 19751226 - SEIMA [FR]
- GB 1300349 A 19721220 - SIEMENS AG [DE]
- US 3258547 A 19660628 - RECTOR JACOB L
- GB 911472 A 19621128 - MASON ELECTRIC CORP
- GB 936279 A 19630911 - CTS CORP

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004042085 A1 20060302; EP 1789983 A1 20070530; EP 1789983 B1 20151014; PL 1789983 T3 20160331; RU 2007106646 A 20081010; RU 2388095 C2 20100427; SI 1789983 T1 20160229; WO 2006024589 A1 20060309

DOCDB simple family (application)

DE 102004042085 A 20040831; EP 05771984 A 20050808; EP 2005053884 W 20050808; PL 05771984 T 20050808; RU 2007106646 A 20050808; SI 200532030 T 20050808