

Title (en)
ELECTRIC CIRCUIT SWITCHING DEVICE USING A MOVABLE TOROIDAL MAGNET

Title (de)
SCHALTEINRICHTUNG EINER ELEKTRISCHEN SCHALTUNG MIT EINEM BEWEGLICHEN TOROIDMAGNETEN

Title (fr)
DISPOSITIF DE COMMUTATION D'UN CIRCUIT ELECTRIQUE UTILISANT UN AIMANT TORIQUE MOBILE.

Publication
EP 1889275 B1 20120801 (FR)

Application
EP 06763489 A 20060602

Priority
• EP 2006062870 W 20060602
• FR 0551507 A 20050606

Abstract (en)
[origin: WO2006131502A1] The invention relates to an electric circuit switching device (1) comprising a translationally movable actuating button (3), which acts by magnetic effect on a switch (2) provided with an element movable between two positions for switching the electrical circuit. A movable permanent magnet (5) forming a magnetic field (M) is translationally connectable to the actuating button (3). In the rest position of the actuating button (3), the magnetic field (M) forces the movable element to take the other of the two positions thereof. The permanent magnet (5) is characterised in that it is shaped in the form of a torus. The inventive switching device (1) can be used, in particular, in a form of a push button or a position switch.

IPC 8 full level
H01H 5/02 (2006.01); **H01H 35/00** (2006.01); **H01H 36/00** (2006.01)

CPC (source: EP)
H01H 5/02 (2013.01); **H01H 36/004** (2013.01); **H01H 36/006** (2013.01); **H01H 2036/0093** (2013.01)

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)
FR 2886759 A1 20061208; FR 2886759 B1 20070817; EP 1889275 A1 20080220; EP 1889275 B1 20120801; WO 2006131502 A1 20061214

DOCDB simple family (application)
FR 0551507 A 20050606; EP 06763489 A 20060602; EP 2006062870 W 20060602