

Title (en)

ELECTRIC CIRCUIT SWITCHING DEVICE USING AT LEAST TWO PERMANENT MAGNETS

Title (de)

EINRICHTUNG ZUM UMSCHALTEN EINES ELEKTRISCHEN SCHALTKREISES UNTER VERWENDUNG VON MINDESTENS ZWEI PERMANENTMAGNETEN

Title (fr)

DISPOSITIF DE COMMUTATION D'UN CIRCUIT ELECTRIQUE UTILISANT AU MOINS DEUX AIMANTS PERMANENTS

Publication

EP 1925008 B1 20100120 (FR)

Application

EP 06763534 A 20060606

Priority

- EP 2006062936 W 20060606
- FR 0551506 A 20050606
- FR 0553178 A 20051019

Abstract (en)

[origin: WO2006131520A1] The invention relates to an electric circuit switching device (1, 10, 100) comprising a body (4, 40, 400), an actuating member (3, 30, 300) which is movable in the body between at least two positions and acts by magnetic effect on an electric switch movable element (2) in such a way that the electric circuit is switchable between two positions, i.e., the open and closed positions thereof, wherein the inventive device comprises a fixed permanent magnet (5, 50, 500) and a movable permanent magnet (6, 60, 600) connected to the actuating member (3, 30, 300). The modification of the actuating member (3, 30, 300) position causes the modification of the direction of magnetic field lines produced by said permanent magnets (5, 50, 500, 6, 60, 600) near the movable element, thereby generating the electric circuit switching. Said device can be used in the form of a sliding-, push- and turning switch button.

IPC 8 full level

H01H 36/00 (2006.01)

CPC (source: EP)

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Cited by

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