

Title (en)

Snap switch for controlling motors of electrical apparatuses for motor vehicles

Title (de)

Federschalter zur Steuerung von Motoren von elektrischen Vorrichtungen für Kraftfahrzeuge

Title (fr)

Interrupteur à ressort pour commander des moteurs d'appareils électriques pour véhicules à moteur

Publication

EP 1835519 A3 20090408 (EN)

Application

EP 07005281 A 20070314

Priority

IT TO20060200 A 20060317

Abstract (en)

[origin: EP1835519A2] Described herein is a snap switch (A) for controlling motors of electrical apparatuses of motor vehicles, comprising an actuating button (1) pivoted on a container body made up of a lid and a base (2a,2b), set within which are mobile contacts (11), pivoted on a fulcrum (8) and made of a metal lamina (6), designed to close fixed contacts connected to a printed circuit (19); the metal lamina (6) is moved by means of and acts upon an elastic pad made of silicone material (5) provided with actuators (4) and silicone bubbles (10) set in positions corresponding to the ends (8,9) of the metal lamina (6).

IPC 8 full level

H01H 23/06 (2006.01); **H01H 23/20** (2006.01)

CPC (source: EP)

H01H 23/06 (2013.01); **H01H 23/20** (2013.01); **H01H 2215/006** (2013.01); **H01H 2300/01** (2013.01)

Citation (search report)

- [A] EP 1009001 A2 20000614 - BITRON SPA [IT], et al
- [A] US 4045650 A 19770830 - NESTOR CHARLES R
- [A] EP 0638916 A1 19950215 - BITRON B SPA [IT]

Cited by

CN104733203A

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1835519 A2 20070919; **EP 1835519 A3 20090408**; **EP 1835519 B1 20111026**; AT E531062 T1 20111115; ES 2379374 T3 20120425; IT TO20060200 A1 20070918

DOCDB simple family (application)

EP 07005281 A 20070314; AT 07005281 T 20070314; ES 07005281 T 20070314; IT TO20060200 A 20060317