

Title (en)

MECHANISM FOR SAFETY SWITCH

Title (de)

MECHANISMUS FÜR EINEN SCHUTZSCHALTER

Title (fr)

MECANISME DESTINE A UN INTERRUPTEUR DE SECURITE

Publication

EP 1805776 B1 20111214 (EN)

Application

EP 05851050 A 20051026

Priority

- NL 2005050022 W 20051026
- NL 1027340 A 20041026

Abstract (en)

[origin: WO2006046869A2] Mechanism for switching on and off a switch (50) provided with a primary switching Junction and at least one safety function. The mechanism comprises a movable contact (T) and a fixed contact (35), wherein the movable contact (7) is fixed by fixing means (6) in the switch (50) such that it can execute a turning and translational movement. An ON/OFF switch toggle (4) engages at a first engagement point (51) on the movable contact (7). The mechanism also comprises a spring (3) that engages at a second engagement point (56) on the movable contact (7). The fixing means (6), the first engagement point (51) and the second engagement point (56) are so positioned with respect to one another that, when the switch (50) is switched on, turning of the ON/OFF switch toggle (4) beyond a predetermined position of the ON/OFF switch toggle (4) results in a reversal of themoment acting on the movable contact (T).

IPC 8 full level

H01H 71/52 (2006.01); **H01H 71/00** (2006.01)

CPC (source: EP)

H01H 71/002 (2013.01); **H01H 71/526** (2013.01); **H01H 2300/046** (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)

WO 2006046869 A2 20060504; WO 2006046869 A3 20061012; AT E537546 T1 20111215; EP 1805776 A2 20070711; EP 1805776 B1 20111214; ES 2378891 T3 20120418; NL 1027340 C2 20060427; PL 1805776 T3 20120629; SI 1805776 T1 20120731

DOCDB simple family (application)

NL 2005050022 W 20051026; AT 05851050 T 20051026; EP 05851050 A 20051026; ES 05851050 T 20051026; NL 1027340 A 20041026; PL 05851050 T 20051026; SI 200531490 T 20051026