

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

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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 the moment acting on the movable contact (T).

IPC 8 full level

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