

Title (en)

ELECTRICAL SWITCHING DEVICE WITH SEPARABLE CONTACTS AND CIRCUIT BREAKER COMPRISING SUCH A DEVICE

Title (de)

ELEKTRISCHES SCHALTGERÄT MIT TRENNBAREN KONTAKTEN UND DAMIT VERSEHENER SCHUTZSCHALTER

Title (fr)

APPAREIL DE COMMUTATION ÉLECTRIQUE À CONTACTS SÉPARABLES ET DISJONCTEUR COMPRENANT UN TEL APPAREIL

Publication

EP 3832688 B1 20231108 (FR)

Application

EP 20211350 A 20201202

Priority

FR 1913658 A 20191203

Abstract (en)

[origin: US2021166906A1] Electrical switching device, including separable electrical contacts, a switching mechanism and a control lever. This switching mechanism is designed to move the separable contacts reversibly and selectively between a stable closed state and a stable open state. The control lever can be moved between a closing position and an opening position. The switching mechanism is configured to move the separable contacts from their closed state to their open state when the lever is moved from its closing position to its opening position, and to this end includes a spring which, between the closing position of the lever and a first intermediate position referred to as the "dead point", exerts a force that opposes the movement of the lever and which, between the dead-point position and the opening position of the lever, exerts a force that drives the contacts towards the open position. The switching mechanism comprises a holding device which is configured to prevent the switching mechanism from moving the contacts towards their open position when the lever is moved from the closing position to the opening position and when the lever has not passed a second intermediate position located between the dead-point position and the opening position.

IPC 8 full level

H01H 71/52 (2006.01); **H01H 71/50** (2006.01)

CPC (source: CN EP US)

H01H 3/02 (2013.01 - CN); **H01H 3/38** (2013.01 - CN); **H01H 71/10** (2013.01 - CN); **H01H 71/128** (2013.01 - US); **H01H 71/501** (2013.01 - EP); **H01H 71/525** (2013.01 - EP); **H01H 2221/016** (2013.01 - US)

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DOCDB simple family (publication)

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