

Title (en)

Motor control, in particular of the energy storage type, for low-voltage safety switches.

Title (de)

Motorsteuerung insbesondere des Energiespeichertyps für Niederspannungssicherheitsschalter.

Title (fr)

Commande de moteur en particulier du type d'accumulation d'énergie pour disjoncteurs de sécurité à basse tension.

Publication

EP 0154369 A2 19850911 (EN)

Application

EP 85200198 A 19850218

Priority

IT 2117984 U 19840309

Abstract (en)

A motor control, in particular of the energy storage type, for low-voltage safety switches provided with releaser devices and with an actuation handle linked to the movable contacts by means of a system of knee-joint levers, comprises a slider linearly shiftable between two extreme positions, and constrained to the handle for moving it with the getting over of the dead centre of the system of knee-joint levers from and to an extreme position, said slider being provided with a free edge suitable to act on one side of the handle during the stroke thereof from the extreme position of switch closed towards the position of switch open, and on it means of temporary constraint being provided, which are active when the handle and the slider are in their extreme position of switch open, as well as during the stroke of the slider from this position to its position of switch closed, at least till to the getting over of the dead centre by the system of knee-joint levers, whilst said temporary constraint means are inactive in the sense of disengaging the handle of the slider when both the handle and the slider are in their extreme position of switch closed.

IPC 1-7

H01H 71/70; **H01H 71/04**

IPC 8 full level

H01H 71/70 (2006.01); **H01H 9/16** (2006.01)

CPC (source: EP)

H01H 71/70 (2013.01); **H01H 9/16** (2013.01); **H01H 2071/665** (2013.01)

Cited by

EP0506066A1; EP0801411A3; CN111863555A; CN112071703A

Designated contracting state (EPC)

BE CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0154369 A2 19850911; **EP 0154369 A3 19860723**; **EP 0154369 B1 19881019**; DE 3565740 D1 19881124; IT 8421179 V0 19840309

DOCDB simple family (application)

EP 85200198 A 19850218; DE 3565740 T 19850218; IT 2117984 U 19840309