

Title (en)

Control of high- or medium-voltage electrical switchgear with improved double latching and associated arming method

Title (de)

Steuerung eines elektrischen Hoch- oder Mittelspannungsgerätes mit einem verbesserten doppelten Einrastmechanismus und entsprechendes Bestückungsverfahren

Title (fr)

Commande d'appareillage électrique haute ou moyenne tension à mécanisme à double accrochage amélioré et procédé d'armement associé.

Publication

EP 2189995 A3 20100623 (FR)

Application

EP 09176296 A 20091118

Priority

FR 0857898 A 20081120

Abstract (en)

[origin: EP2189995A2] The controller has a gear motor (2) for operating a double latching mechanism (3), and a transmission chain (4) to transmit an output torque of the motor to an element (30) of the mechanism. An opening spring (35) and a closing spring (34) are compressed simultaneously by a single manual operation in an interrupted state of the chain through an output torque along two different directions. The chain and the mechanism allow the opening spring to remain in a compressed state during compression of the closing spring, in the uninterrupted state. An independent claim is also included for a method for operating a double-latching mechanism with two spiral springs, of a high or medium voltage electrical equipment controller.

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP)

H01H 3/3042 (2013.01)

Citation (search report)

- [AD] EP 0186171 A2 19860702 - ASEA AB [SE]
- [A] US 4578551 A 19860325 - LIN CHESTER H [US]

Cited by

US9373456B2; US9472359B2; WO2015162534A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2189995 A2 20100526; EP 2189995 A3 20100623; EP 2189995 B1 20120208; AT E545143 T1 20120215; ES 2379218 T3 20120423; FR 2938692 A1 20100521; FR 2938692 B1 20101224

DOCDB simple family (application)

EP 09176296 A 20091118; AT 09176296 T 20091118; ES 09176296 T 20091118; FR 0857898 A 20081120