

Title (en)

CONTROL OF SPRING(S) TYPE FOR A HIGH- OR MEDIUM-VOLTAGE BREAKER FURNISHED WITH A PAWLED FREE WHEEL COUPLING DEVICE

Title (de)

STEUERUNG VON FEDER(N) FÜR EINEN HOCH- ODER MITTELSPANNUNGSSCHUTZSCHALTER MIT EINER KLINKEN-FREILAUFKOPPLUNGSVORRICHTUNG

Title (fr)

COMMANDE DE TYPE A RESSORT(S) D'UN INTERRUPEUR À HAUTE OU MOYENNE TENSION MUNIE D'UN DISPOSITIF D'ACCOPLEMENT À ROUE LIBRE À CLIQUET

Publication

**EP 2842143 B1 20160608 (FR)**

Application

**EP 13717788 A 20130423**

Priority

- FR 1253785 A 20120425
- EP 2013058343 W 20130423

Abstract (en)

[origin: WO2013160272A1] The invention relates to a spring-type control for high- or medium-voltage electrical apparatus furnished with a free coupling device allowing respectively coupling during the loading of the spring(s) (11) and decoupling during the loading of the spring(s), between a crank or a motor and the drive shaft (1) of a circuit breaker switch of the apparatus. The mechanical free wheel device is integrated into a toothed wheel (2) of the control and comprises at least one pawl (7, 70) engaging or otherwise with internal toothings (4) of the toothed wheel (2).

IPC 8 full level

**H01H 3/30** (2006.01)

CPC (source: CN EP US)

**H01H 3/3021** (2013.01 - CN EP US); **H01H 2003/3084** (2013.01 - CN EP US); **H01H 2235/016** (2013.01 - US); **Y10T 74/19874** (2015.01 - EP US)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2013160272 A1 20131031**; CN 104350561 A 20150211; CN 104350561 B 20161012; EP 2842143 A1 20150304; EP 2842143 B1 20160608; FR 2990051 A1 20131101; FR 2990051 B1 20140530; IN 2136MUN2014 A 20150821; US 2015107973 A1 20150423; US 9583281 B2 20170228

DOCDB simple family (application)

**EP 2013058343 W 20130423**; CN 201380030456 A 20130423; EP 13717788 A 20130423; FR 1253785 A 20120425; IN 2136MUN2014 A 20141027; US 201314396920 A 20130423