

Title (en)

ACCESSORY DEVICE FOR A MEDIUM VOLTAGE CONTACTOR

Title (de)

HILFSVORRICHTUNG FÜR EINEN MITTELSPANNUNGSSCHÜTZ

Title (fr)

DISPOSITIF ACCESSOIRE POUR CONTACTEUR MOYENNE TENSION

Publication

EP 3748661 A1 20201209 (EN)

Application

EP 19179129 A 20190607

Priority

EP 19179129 A 20190607

Abstract (en)

An accessory device for a Medium Voltage contactor, comprises a latching element 2 movable along an insertion/withdrawal direction between a first operating position in which a movable contact of the contactor is latched and a second resting position in which the movable contact is released. The latching element 2 is provided with means 3 for reducing friction comprising a first 31 and a second roller 32, a supporting structure 21 for the first and second rollers, and a first 41 and a second 42 pin housed in the supporting structure 21 onto which the first 31 and second 32 rollers are respectively mounted free to rotate around their longitudinal axis. First retaining means 5 lock the first and second pins along the direction of the longitudinal axis, and second retaining means 6 block the rotation of the first and second pin with respect to the supporting structure 21.

IPC 8 full level

H01H 33/48 (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP)

H01H 33/02 (2013.01 - CN); **H01H 33/48** (2013.01 - EP); **H01H 33/66** (2013.01 - CN); **H01H 33/666** (2013.01 - CN EP); **H01H 9/22** (2013.01 - EP)

Citation (applicant)

EP 3444830 A1 20190220 - ABB SCHWEIZ AG [CH]

Citation (search report)

- [XDAI] EP 3444830 A1 20190220 - ABB SCHWEIZ AG [CH]
- [A] US 3636292 A 19720118 - ROTH ADRIAN W
- [A] US 2007102269 A1 20070510 - HARTMANN WERNER [DE]

Citation (examination)

- EP 2270823 A1 20110105 - ABB TECHNOLOGY AG [CH]
- US 2005088265 A1 20050428 - NAKAGAWA TAKAFUMI [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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