

Title (en)

Drive mechanism for medium voltage fuse switches.

Title (de)

Ansteuerungsmechanismus für Mittelspannungslasttrenner

Title (fr)

Mécanisme de commande pour fusibles-interrupteurs de moyenne tension

Publication

EP 2249361 B1 20120711 (EN)

Application

EP 09159345 A 20090504

Priority

EP 09159345 A 20090504

Abstract (en)

[origin: EP2249361A1] A drive mechanism 1 for a Medium Voltage fuse switch comprising: a base plate 10 and a front plate 11 which defines an internal space housing an operating shaft 2 and a power shaft 3, coaxially mounted along a first longitudinal axis, the power shaft 3 being operatively connectable to a kinematic chain of a Medium Voltage fuse, the operating shaft 2 having a head 20 connectable to an operating handle for manual actuation of said operating shaft 2; a spring assembly 4 which comprises a first 41 and a second 42 spiral springs having a first end operatively coupled to said operating shaft 2, said spiral springs being loaded by rotation of said operating shaft 2 and actuating said power shaft 3 when released; latching means 5 for latching said power shaft 3 comprising a first 51 and a second 52 latching arm positioned on said power shaft 3; first 61 and second 62 release means for unlatching said power shaft 3 and allowing rotation thereof, the first release means 61 allowing a rotation of said power shaft 3 in an opposite direction with respect to said second release means 62.

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP)

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Cited by

CN109309353A; CN109065416A; US9373456B2; US9472359B2; WO2015162534A1

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DOCDB simple family (publication)

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