

Title (en)

DRIVE MECHANISM FOR SWITCHING INSTALLATION, AND METHOD FOR OPERATING IT

Title (de)

ANTRIEBSVORRICHTUNG UND VERFAHREN ZUM BETRIEB EINER SCHALTANORDNUNG

Title (fr)

MECANISME D'ENTRAINEMENT D'INSTALLATION DE COMMUTATION ET PROCEDE DE MISE EN OEUVRE DE CE MECANISME

Publication

EP 1529299 B1 20070228 (EN)

Application

EP 03788182 A 20030815

Priority

- NL 0300587 W 20030815
- NL 1021286 A 20020815

Abstract (en)

[origin: WO2004017348A2] Drive mechanism for the synchronous operation of a plurality of vacuum circuit breakers (35). It comprises energy storage means (6), conversion means (37) for converting energy stored in the energy storage means (6) into an operation of switching off the vacuum circuit breakers (35) and for switching on the vacuum circuit breakers (35), in which latter process energy is simultaneously stored in the energy storage means (6). The conversion means (37) comprise first transfer means which can move substantially in a first direction and second transfer means which can move substantially in a second direction. The conversion means also comprise at least one connecting rod (4, 4'), which on one side (23, 23') is rotatably secured to the first transfer means and on a second side (22, 22') is rotatably secured to the second transfer means. The drive mechanism also comprises a trip mechanism which interacts with the drive mechanism and a disconnector drive mechanism (70) for the simultaneous operation of disconnectors (73).

IPC 8 full level

H01H 33/66 (2006.01); **H01H 33/666** (2006.01); **H01H 3/46** (2006.01); **H01H 5/06** (2006.01); **H01H 5/10** (2006.01); **H01H 31/00** (2006.01); **H01H 33/02** (2006.01)

CPC (source: EP)

H01H 33/666 (2013.01); **H01H 33/6661** (2013.01); **H01H 3/46** (2013.01); **H01H 5/06** (2013.01); **H01H 5/10** (2013.01); **H01H 31/003** (2013.01); **H01H 33/022** (2013.01)

Cited by

CN110661338A; CN101714474A; EP2172956A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004017348 A2 20040226; **WO 2004017348 A3 20040610**; AT E355603 T1 20060315; AU 2003261668 A1 20040303; AU 2003261668 B2 20070802; DE 60312169 D1 20070412; DE 60312169 T2 20071122; DK 1529299 T3 20070604; EP 1529299 A2 20050511; EP 1529299 B1 20070228; ES 2281684 T3 20071001; NL 1021286 C2 20040303; NZ 538588 A 20070126; PT 1529299 E 20070606

DOCDB simple family (application)

NL 0300587 W 20030815; AT 03788182 T 20030815; AU 2003261668 A 20030815; DE 60312169 T 20030815; DK 03788182 T 20030815; EP 03788182 A 20030815; ES 03788182 T 20030815; NL 1021286 A 20020815; NZ 53858803 A 20030815; PT 03788182 T 20030815