

Title (en)

Control mechanism of a high tension multipolar switch.

Title (de)

Steuermechanismus für einen multipolaren Hochspannungsschalter.

Title (fr)

Mécanisme de commande d'un interrupteur multipolaire à haute tension.

Publication

EP 0417015 B1 19951025 (FR)

Application

EP 90420379 A 19900821

Priority

FR 8911810 A 19890907

Abstract (en)

[origin: EP0417015A1] A control mechanism (40) of a high tension switch comprises a first control crank (52) coupled via a transmission rod (54) to a second control crank (56) which is locked onto a shaft (58) for actuating the switch. A toggle (65) made up of a setting crank (66) hinged to a telescopic guide (70) for supporting an energy-accumulating spring (72) co-operates with the two control cranks (52, 56) to constitute a latchless dual-tumbler mechanism. The setting crank (66) is entrained by a transmission mechanism (88) driven either automatically by a reduction gear motor unit (90) or manually by a shaft (94) of a backup control (44). <IMAGE>

IPC 1-7

H01H 3/30; **H01H 33/02**

IPC 8 full level

H01H 3/30 (2006.01); **H01H 33/02** (2006.01)

CPC (source: EP)

H01H 3/30 (2013.01); **H01H 33/022** (2013.01)

Cited by

EP2161730A1; FR2706674A1; FR2935833A1; EP1009002A1; FR2786943A1; EP2040276A1; FR2921196A1; FR2786944A1; EP1018756A3; CN117316700A; WO2020002850A1; US11127549B2; WO0150487A1; EP2102955A1

Designated contracting state (EPC)

CH DE ES GB IT LI SE

DOCDB simple family (publication)

EP 0417015 A1 19910313; **EP 0417015 B1 19951025**; CA 2024198 A1 19910308; DE 69023195 D1 19951130; DE 69023195 T2 19960509; ES 2080136 T3 19960201; FI 904383 A0 19900905; FI 97832 B 19961115; FI 97832 C 19970225; FR 2651603 A1 19910308; FR 2651603 B1 19911108; NO 301857 B1 19971215; NO 903889 D0 19900906; NO 903889 L 19910308; PT 95217 A 19920529; PT 95217 B 19980630

DOCDB simple family (application)

EP 90420379 A 19900821; CA 2024198 A 19900829; DE 69023195 T 19900821; ES 90420379 T 19900821; FI 904383 A 19900905; FR 8911810 A 19890907; NO 903889 A 19900906; PT 9521790 A 19900905