

Title (en)

Operation mechanism for a multipole switch

Title (de)

Betätigungsmechanismus eines mehrpoligen elektrischen Schalters

Title (fr)

Mecanisme de commande d'un interrupteur électrique multipolaire

Publication

EP 1670009 B1 20090304 (FR)

Application

EP 05111950 A 20051212

Priority

FR 0413203 A 20041213

Abstract (en)

[origin: EP1670009A2] The mechanism has an energy accumulator spring (4) comprising one end articulated around an axle (8) extending parallel to an output shaft and another end having a cylindrical roller (9) mounted rotatively around an axle (10) parallel to the shaft. The roller rotates the shaft and radial fingers (31a, 31b, 32a, 32b) of an opening and closing control device (27) and a grounding control device (28) having respective rotation axles parallel to the shaft.

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP)

H01H 3/3047 (2013.01)

Cited by

CN101552144A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1670009 A2 20060614; EP 1670009 A3 20070829; EP 1670009 B1 20090304; AT E424616 T1 20090315; DE 602005013047 D1 20090416; ES 2322480 T3 20090622; FR 2879340 A1 20060616; FR 2879340 B1 20070323

DOCDB simple family (application)

EP 05111950 A 20051212; AT 05111950 T 20051212; DE 602005013047 T 20051212; ES 05111950 T 20051212; FR 0413203 A 20041213