

Title (en)

Device for controlling the opening/closing of electrical switchgear and related procedure

Title (de)

Vorrichtung zur Regelung der Öffnung und Schliessung eines elektrisches Schaltgerätes und verwandtes Verfahren

Title (fr)

Dispositif pour la commande d'un appareil de commutation électrique et procédé associé

Publication

EP 1006537 A1 20000607 (EN)

Application

EP 98204083 A 19981203

Priority

EP 98204083 A 19981203

Abstract (en)

Control device for the opening/closing of electrical switchgear such as circuit-breakers, isolators, reclosers and the like, in an electricity distribution and/or transmission network characterised by the fact that it comprises: an actuator with adjustable law of motion; a processing and control unit that receives an operating command and sends a control signal to the actuator that is processed in relation to: a predetermined nominal behaviour; direct or indirect information on the position, velocity, acceleration of the mobile part of said switchgear; information on the change, in relation to the nominal behaviour, of the entire actuator-kinematic chain-switchgear controlled system; in such a way as to realise the desired law of motion of said mobile part. <IMAGE>

IPC 1-7

H01H 9/56; **H01H 11/00**

IPC 8 full level

H01H 73/00 (2006.01); **H01H 9/56** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP KR)

H01H 9/56 (2013.01 - EP); **H01H 11/0062** (2013.01 - EP); **H01H 73/00** (2013.01 - KR); **H01H 9/563** (2013.01 - EP)

Citation (search report)

- [XY] WO 9636982 A1 19961121 - COOPER IND INC [US], et al
- [X] DE 2601799 A1 19770721 - LICENTIA GMBH
- [Y] US 5644463 A 19970701 - EL-SHARKAWI MOHAMED A [US], et al
- [Y] B. KOETZOLD, H. HAUSER: "Selectief beveiligen met digitale techniek", POLYTECHNISCH TIJDSCHRIFT, ELEKTROTECHNIEK, ELEKTRONICA, vol. 40, no. 1, January 1985 (1985-01-01), pages 29 - 31, XP002093740

Cited by

EP1109185A3; EP2237296A3; CN110709953A; EP2244094A1; EP2395365A1; US11255912B2; US11239033B2; EP3428666A1; FR3069064A1; WO2018224155A1; EP2538429B1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 1006537 A1 20000607; **EP 1006537 B1 20050216**; AT E289449 T1 20050315; CN 1255716 A 20000607; CN 1263056 C 20060705; DE 69829057 D1 20050324; DE 69829057 T2 20051229; ES 2237823 T3 20050801; KR 20000047875 A 20000725; TW 501155 B 20020901

DOCDB simple family (application)

EP 98204083 A 19981203; AT 98204083 T 19981203; CN 99125878 A 19991202; DE 69829057 T 19981203; ES 98204083 T 19981203; KR 19990054628 A 19991203; TW 88118962 A 19991111