

Title (en)
CONTROL METHOD AND DEVICE FOR A SWITCHGEAR ACTUATOR

Title (de)
STEUERUNGSVERFAHREN UND -VORRICHTUNG FÜR SCHALTERANTRIEB

Title (fr)
PROCEDE ET DISPOSITIF DE COMMANDE POUR UN DISPOSITIF D'ACTIONNEMENT D'UN APPAREIL DE COMMUTATION

Publication
EP 0830699 B2 20050907 (EN)

Application
EP 96915870 A 19960515

Priority
• US 9607114 W 19960515
• US 44078395 A 19950515

Abstract (en)
[origin: WO9636982A1] A current interrupter (4) includes a current interrupting device (4) having at least one movable contact (71); an actuator (8) coupled to the movable contact (71) of the current interrupter (4); a feedback sensor (14) for monitoring movement of the actuator (8); and a control system (12) coupled to the feedback sensor (14) so as to receive information from the feedback sensor (14) concerning the movement of the actuator (8) and for controlling movement of the actuator (8) based on the information. The interrupter (4) further includes a memory (202) for storing a desired motion profile of the actuator (8); and a microprocessor (202) for comparing the movement of the actuator (8) with the desired motion profile and controlling movement of the actuator (8) based also on a comparison of the movement of the actuator (8) with the desired motion profile. The interrupter (4) further includes a sensor (204) for sensing a waveform of a voltage in a line to be interrupted and providing information concerning the voltage waveform to the control system (12); wherein the control system (12) controls the movement of the actuator (8) based also on the information concerning the voltage waveform.

IPC 1-7
H01H 33/66; **H01H 33/59**; **H01H 75/00**; **H02H 3/08**; **H02H 3/26**; **H02H 3/33**; **H02H 3/44**

IPC 8 full level
H01H 11/00 (2006.01); **H01H 33/59** (2006.01); **H01H 33/66** (2006.01); **H01H 47/32** (2006.01)

CPC (source: EP KR)
H01H 11/0062 (2013.01 - EP); **H01H 33/59** (2013.01 - KR); **H01H 33/66** (2013.01 - KR); **H01F 2007/1894** (2013.01 - EP); **H01H 33/593** (2013.01 - EP); **H01H 33/666** (2013.01 - EP); **H01H 47/325** (2013.01 - EP); **H01H 2003/268** (2013.01 - EP); **H01H 2009/566** (2013.01 - EP)

Citation (opposition)
Opponent :
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• DE 4005532 A1 19910822 - SIEMENS AG [DE]
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WO 9636982 A1 19961121; AU 5752796 A 19961129; AU 697096 B2 19980924; BR 9608875 A 19990706; CA 2219282 A1 19961121; CA 2219282 C 20060815; CN 1085398 C 20020522; CN 1190487 A 19980812; DE 69619367 D1 20020328; DE 69619367 T2 20020814; DE 69619367 T3 20060202; EP 0830699 A1 19980325; EP 0830699 A4 19990414; EP 0830699 B1 20020220; EP 0830699 B2 20050907; ES 2173282 T3 20021016; ES 2173282 T5 20060316; HK 1015526 A1 19991015; JP 2006054193 A 20060223; JP 3759751 B2 20060329; JP H11505366 A 19990518; KR 100438526 B1 20040910; KR 19990014777 A 19990225; MX 9708859 A 19980331; TW 315477 B 19970911

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