

Title (en)
CONTROL DEVICE FOR ELECTRIC CIRCUIT BREAKER

Publication
EP 0150756 A3 19850918 (FR)

Application
EP 85100341 A 19850115

Priority
FR 8401527 A 19840130

Abstract (en)
[origin: US4649244A] The electric control to reset a circuit breaker is formed by a sub-assembly (10) to be coupled to the mechanism (60) of the circuit breaker. At the end of the charging travel of the closing spring a control cam (46) disconnects and stops the motor. The charging position is defined by a latch interlocking the charging cam (62), a closing operation being induced by the release of the latch and a limited rotation of this charging cam (62). The link shaft between the motor reducing sub-assembly or block (10) and the mechanism (60) transmits this closing limited rotation to the control cam (46), which induces the restarting and the connecting of the motor for a reset operation of the closing spring.

IPC 1-7
H01H 3/30

IPC 8 full level
H01H 3/30 (2006.01); **H01H 33/40** (2006.01); **H01H 3/40** (2006.01)

CPC (source: EP US)
H01H 3/30 (2013.01 - EP US); **H01H 3/3015** (2013.01 - EP US); **H01H 3/40** (2013.01 - EP US); **H01H 2003/3063** (2013.01 - EP US)

Citation (search report)
• [Y] DE 2201938 A1 19730719 - CALOR EMAG ELEKTRIZITAETS AG
• [Y] EP 0062414 A1 19821013 - TOSHIBA KK [JP]
• [A] DE 2835879 A1 19790308 - WESTINGHOUSE ELECTRIC CORP
• [A] FR 2356994 A1 19780127 - GEN ELECTRIC [US]
• [A] US 2856566 A 19581014 - FORNWALT MAX B
• [A] US 3806684 A 19740423 - HAUSER R
• [A] GB 1405747 A 19750910 - REYROLLE PARSONS LTD
• [A] GB 1551623 A 19790830 - XEROX CORP

Cited by
EP0658909A1; CN108682591A; EP0650176A3; CN111044889A; EP0427641A1; FR2654254A1; DE10042237C1; DE19744457C1; EP1164605A3; FR2988515A1; US6204741B1; EP2605256A1; CN103165299A; FR2984589A1; WO9919891A1

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EP 0150756 A2 19850807; EP 0150756 A3 19850918; EP 0150756 B1 19880518; AT E34484 T1 19880615; AU 3819885 A 19850808; AU 575903 B2 19880811; CA 1231745 A 19880119; DE 3562838 D1 19880623; FR 2558986 A1 19850802; FR 2558986 B1 19861121; JP H0644439 B2 19940608; JP S60180018 A 19850913; US 4649244 A 19870310; ZA 85601 B 19850925

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EP 85100341 A 19850115; AT 85100341 T 19850115; AU 3819885 A 19850130; CA 472518 A 19850121; DE 3562838 T 19850115; FR 8401527 A 19840130; JP 1366685 A 19850129; US 69269985 A 19850118; ZA 85601 A 19850125