

Title (en)
CONTROL MECHANISM FOR A LOW-TENSION ELECTRIC CIRCUIT BREAKER

Publication
EP 0224396 B1 19910605 (FR)

Application
EP 86402267 A 19861013

Priority
FR 8516344 A 19851031

Abstract (en)
[origin: US4740770A] A mechanism for a circuit breaker includes a support lever insulated from a contact arm and a trip lever supported by a plate fitted with limited swivelling on a pivot. A mechanical link arranged between a toggle-joint and the contact arm includes a latching stop fixed on the plate. The stop is formed by a notch cooperating with a step of the trip lever to push the end of a toggle rod back to a retracted unlatched position, as soon as the trip lever is actuated to the tripped position. The support lever is equipped with a locking arm having a sloping part cooperating with a pawl of the handle to form a high-speed contact closing device.

IPC 1-7
H01H 71/52

IPC 8 full level
H01H 71/52 (2006.01); **H01H 73/36** (2006.01)

CPC (source: EP US)
H01H 71/526 (2013.01 - EP US); **H01H 2300/048** (2013.01 - EP US)

Cited by
FR2858109A1; EP0570647A1; CN103077862A; FR2766292A1; EP0897188A1; GB2216339A; GB2216339B; EP1170769A1; EP0661724A3; EP0295158A1; FR2616583A1; US6492607B2; WO2005010909A1; WO9853473A1; EP2131378A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0224396 A1 19870603; EP 0224396 B1 19910605; AT E64234 T1 19910615; AU 589856 B2 19891019; AU 6449786 A 19870507; CA 1279356 C 19910122; CN 1013816 B 19910904; CN 86107136 A 19870429; DE 3679639 D1 19910711; ES 2022814 B3 19911216; FR 2589627 A1 19870507; FR 2589627 B1 19880826; IN 168773 B 19910601; JP 2637081 B2 19970806; JP S62105333 A 19870515; PT 83627 A 19861101; PT 83627 B 19900629; US 4740770 A 19880426; ZA 867970 B 19870624

DOCDB simple family (application)
EP 86402267 A 19861013; AT 86402267 T 19861013; AU 6449786 A 19861029; CA 521027 A 19861021; CN 86107136 A 19861030; DE 3679639 T 19861013; ES 86402267 T 19861013; FR 8516344 A 19851031; IN 821MA1986 A 19861017; JP 25807186 A 19861029; PT 8362786 A 19861027; US 91963786 A 19861016; ZA 867970 A 19861021