

Title (en)
SNAP CLOSING MECHANISM FOR A MINIATURE CIRCUIT BREAKER

Publication
EP 0156692 B1 19890503 (FR)

Application
EP 85400357 A 19850226

Priority
FR 8403417 A 19840302

Abstract (en)
[origin: EP0156692A1] 1. Mechanism for rapid manual closing of a current breaking device, notably a switch or circuit breaker, having a handle (10) connected by a kinematic chain to a contact arm (32), characterized in that elastic part (56) forming an abutment which can be overrun, is located at a predetermined point on the trajectory of movement of one (54) of the elements of the switchgear closing mechanism in such a way as to impede said movement and to constitute a hangup point (alpha2) requiring an increased force on the handle to overrun said point 'alpha2) corresponding to a position of the contact arm (32) close to the position where the contacts (38, 40) come into contact, said part (56) being inactive after said overrun, to bring about rapid closing by the action of said increased force and when the handle (10) is moved in the switchgear opening direction.

IPC 1-7
H01H 71/52

IPC 8 full level
H01H 71/54 (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)
H01H 71/52 (2013.01); **H01H 2300/046** (2013.01)

Cited by
DE4339425B4; FR2815166A1; EP1274109A1; FR2827076A1; EP0271181A3; GB2564562A; GB2564562B

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EP 0156692 A1 19851002; EP 0156692 B1 19890503; AT E42865 T1 19890515; AU 3943285 A 19850905; AU 577833 B2 19881006; CA 1253552 A 19890502; DE 3570010 D1 19890608; ES 540721 A0 19860416; ES 8606731 A1 19860416; FR 2560713 A1 19850906; FR 2560713 B1 19880429; JP S617532 A 19860114; ZA 851522 B 19851030

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