

Title (en)

Operating mechanism for a moulded case circuit breaker

Title (de)

Betätigungsmechanismus für einen Selbstschalter mit Giessformgehäuse

Title (fr)

Mécanisme de commande d'un disjoncteur à boîtier moulé

Publication

EP 0555158 B1 19961227 (FR)

Application

EP 93420026 A 19930121

Priority

FR 9201486 A 19920207

Abstract (en)

[origin: EP0555158A1] A bell-crank operating mechanism (28) of a circuit breaker with moulded case includes a pivoting grip (23) for opening or closing the circuit breaker and rearming the latch (26) following tripping. The grip (23) carries a rearming roller (38) which cooperates with a cam surface (39) of the latch (26), which surface has a first cam section (41) and a second cam section (42) which are separated by a point of change of slope (40). The second section corresponds to the rearming position and the slope of this section is chosen so as to obtain a stable position of rearming of the grip (23). <IMAGE>

IPC 1-7

H01H 71/52

IPC 8 full level

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CPC (source: EP US)

H01H 1/2058 (2013.01 - EP US); **H01H 71/501** (2013.01 - EP); **H01H 71/525** (2013.01 - EP US); **H01H 71/1054** (2013.01 - EP US); **H01H 71/505** (2013.01 - EP US)

Cited by

DE102011086834A1; WO0165584A1; DE10139566C1; FR2940511A1; CN105244197A; EP1003192A3; CN100338709C; CN100378894C; DE102012202085A1; US6239395B1; EP2634787A1; DE102009007478A1; US6369340B1; US9171684B2; DE102012202083A1; WO2012120327A1; WO02082487A1; WO2010076512A1; EP2597669A2; US8975990B2; US6700467B2; US9165730B2

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