

Title (en)
Locking mechanism for circuit breaker.

Title (de)
Schlossmechanismus für Lastschalter.

Title (fr)
Mécanisme de serrure pour disjoncteur.

Publication
EP 0506503 A1 19920930 (FR)

Application
EP 92400634 A 19920311

Priority
FR 9103863 A 19910329

Abstract (en)
The locking mechanism comprises a compact assembly formed by a contact holder (1) produced by assembling two flanges (2, 3) which can be joined together and which carry between them, around their common pivot pin (30), a trip lever (19) integral with a pawl (25), rotating about the common pin (30), the moving contact (16) being mounted pivotably about another pin (17) between the said two flanges so as to be stressed in the contact position by a spring (31) bearing on the casing. <IMAGE>

Abstract (fr)
Le mécanisme de serrure comprend un ensemble compact formé d'un porte-contact (1) réalisé par l'assemblage de deux flasques (2, 3) susceptibles d'être réunis l'un à l'autre et portant entre eux, autour de leur axe de pivotement commun (30), un levier déclencheur (19) solidaire d'un cliquet (25), tournant autour de l'axe commun (30), le contact mobile (16) étant monté pivotant autour d'un autre axe (17), entre lesdits deux flasques pour être sollicité en position de contact par un ressort (31) s'appuyant sur le boîtier. <IMAGE>

IPC 1-7
H01H 71/52

IPC 8 full level
H01H 71/52 (2006.01)

CPC (source: EP)
H01H 71/526 (2013.01)

Citation (search report)
• [X] EP 0338930 A1 19891025 - HAGER ELECTRO [FR]
• [A] EP 0412953 A2 19910213 - FELTEN & GUILLEAUME AG OESTER [AT]
• [A] WO 9100605 A1 19910110 - SQUARE D CO [US]
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