

Title (en)

Latch mechanism for a low voltage circuit breaker

Title (de)

Schalt Schloss für einen Niederspannungs-Leistungsschalter

Title (fr)

Mécanisme de verrouillage pour un disjoncteur basse tension

Publication

EP 1130615 B1 20050622 (DE)

Application

EP 01250042 A 20010207

Priority

DE 10010727 A 20000229

Abstract (en)

[origin: EP1130615A2] A latching- or breaker-mechanism for a LV circuit-breaker has a closing latch (1) supported on a closing half-shaft (2), and an opening latch (3) supported on a release half-shaft (21). Each half-shaft (2,21) is equipped with journals (4) at either end and has a metallic central shaft (5) which carries various functional elements (6-9) jutting out radially. The shaft (5) and the functional elements (6-9) radially jutting out from a half-shaft are designed as an integral metal body manufactured in an original casting/sintering process, especially metal injection moulding (MIM).

IPC 1-7

H01H 71/50

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1939903A1; CN103839733A; EP1983542A3; EP1914777A1; CN106558462A; EP1983542A2; WO2009100681A1; WO2005024878A1

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