

Title (en)

HIGH-SPEED CIRCUIT BREAKER PROVIDED WITH A SHOCK-PROOF DEVICE

Publication

EP 0037295 B1 19840215 (FR)

Application

EP 81400337 A 19810304

Priority

FR 8007285 A 19800331

Abstract (en)

[origin: EP0037295A1] 1. High-speed circuit-breaker comprising a contact (10) opening operating device having a Thomson effect driving member (14, 16) for quickly moving the movable part in opening direction and a latch device (20) of the movable part in open position, having an unlatch actuating device (24, 26) with a conductive unlatch disc (24) disposed in the rest position in face and at small distance from the front face of an unlatch winding (26) so that the disc is repulsed into the unlatch position when the unlatch winding is powered, characterized in that it further comprises a shock-proof device (32, 34, 38) comprising a draw-back spring (34) cooperating with an unlatch disc (24), the drawback action therefrom on the unlatch disc in the rest position being limited by an abutment (30) so disposed as to provide a small clearance (36) between the front face of the winding (26) and the opposite disc (24).

IPC 1-7

H01H 71/10; **H01F 7/08**

IPC 8 full level

H01H 53/10 (2006.01); **H01F 7/08** (2006.01); **H01H 31/08** (2006.01); **H01H 33/38** (2006.01); **H01H 53/00** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)

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EP 0037295 A1 19811007; **EP 0037295 B1 19840215**; DE 3162200 D1 19840322; FR 2479549 A1 19811002; FR 2479549 B1 19820716; JP S56152132 A 19811125; JP S6347096 B2 19880920

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