

Title (en)

MAGNETIC OPERATING RELEASE MECHANISM FOR A SWITCH GEAR WITH AN ADJUSTING DEVICE

Publication

EP 0178250 A3 19870311 (DE)

Application

EP 85730125 A 19850917

Priority

US 65623084 A 19841001

Abstract (en)

[origin: US4630017A] A magnetic structure is provided for calibrating a circuit breaker. The magnetic structure includes an E-shaped core which has an adjustable center post for varying the magnetic force between the core and armature by changing the gap between the center post and the armature. Variations in the field for a given current allow the tripping current for the circuit breaker to be precisely calibrated.

IPC 1-7

H01H 71/74

IPC 8 full level

H01H 71/32 (2006.01); **H01H 71/74** (2006.01); **H01H 71/24** (2006.01)

CPC (source: EP US)

H01H 71/7463 (2013.01 - EP US); **H01H 71/2472** (2013.01 - EP US)

Citation (search report)

- [YD] DE 2625894 B1 19770825 - SIEMENS AG
- [Y] FR 2516302 A1 19830513 - TELEMECANIQUE ELECTRIQUE [FR]
- [AD] US 3775713 A 19731127 - WALKER E, et al
- [A] US 3505623 A 19700407 - GRYCTKO CARL E

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EP0421691A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0178250 A2 19860416; **EP 0178250 A3 19870311**; **EP 0178250 B1 19891220**; CA 1253909 A 19890509; DE 3574919 D1 19900125; JP S6185745 A 19860501; US 4630017 A 19861216

DOCDB simple family (application)

EP 85730125 A 19850917; CA 489766 A 19850830; DE 3574919 T 19850917; JP 21445185 A 19850927; US 65623084 A 19841001