

Title (en)
TRIP DEVICE WITH HOLDING MAGNET

Publication
EP 0316295 A3 19901010 (DE)

Application
EP 88890235 A 19880912

Priority
AT 295587 A 19871109

Abstract (en)
[origin: EP0316295A2] A retaining magnet trip device for fault current circuit breakers has a yoke body (1), consisting of two L-shaped pole plates (2 and 3), in which a window (8) is provided for holding a coil winding. A projection (11) forming the armature support (10) is provided in the region of the window (8). The projection (11) is shorter than the width (B) of the window (8), so that the cross-section (governing the achievement of saturation) of the web (22) bounding the window (8) on the side of the armature (14) is independent of the height of the projection (11) forming the armature support (10). <IMAGE>

IPC 1-7
H01H 71/32

IPC 8 full level
H01H 71/32 (2006.01)

CPC (source: EP)
H01H 71/323 (2013.01)

Citation (search report)

- [Y] EP 0228345 A1 19870708 - MAIER & CIE C [CH]
- [Y] AT 361571 B 19810325 - FELTEN & GUILLEAUME AG OESTER, et al
- [A] EP 0051231 A1 19820512 - BBC BROWN BOVERI & CIE [DE]
- [A] EP 0073002 A1 19830302 - BBC BROWN BOVERI & CIE [DE]
- [A] DE 2848806 A1 19790621 - SCHALTELEKTRONIK VEB K
- [A] AT 381599 B 19861110 - FELTEN & GUILLEAUME AG OESTER [AT]

Cited by
EP1777722A3; CN108281333A; CN108281332A; CN108074785A

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DE ES GB IT

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EP 0316295 A2 19890517; EP 0316295 A3 19901010; AT 389018 B 19891010; AT A295587 A 19890215; AU 2493288 A 19890511; AU 604381 B2 19901213; ES 2010645 A4 19891201

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