

Title (en)

Earthing switch with perpendicular contact opening.

Title (de)

Erdungsschalter mit senkrechter Kontaktöffnung.

Title (fr)

Sectionneur de terre à ouverture perpendiculaire.

Publication

EP 0570265 A1 19931118 (FR)

Application

EP 93401184 A 19930507

Priority

FR 9205689 A 19920511

Abstract (en)

Perpendicular-opening earthing isolator comprising a female contact (3) and a male contact (6) which is arranged at the end of an operating arm (7), characterised in that it comprises two parallel metal horns (13, 14) arranged so as to grip, when the isolator is in the closed position, the end of the arm in the vicinity of the male contact, and a flexible metal rod (16) termed a whip, constrained to slide, when the arm effects an opening movement, over a fixed point of a guide piece (17), the respective lengths of the horns (13, 14) and of the whip (16) being chosen such that, during opening, the current switches firstly onto the horns, and then onto the whip. <IMAGE>

IPC 1-7

H01H 31/00; **H01H 33/12**

IPC 8 full level

H01H 31/00 (2006.01); **H01H 33/12** (2006.01); **H01H 31/28** (2006.01)

CPC (source: EP US)

H01H 31/003 (2013.01 - EP US); **H01H 33/124** (2013.01 - EP US); **H01H 31/283** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0198506 A2 19861022 - RUHRTAL GMBH [DE]
- [A] EP 0120409 A2 19841003 - BBC BROWN BOVERI & CIE [DE]

Cited by

EP2400518A1; DE102010025289A1; CN102360981A; CN107170632A; CN105374613A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE LI NL PT SE

DOCDB simple family (publication)

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EP 93401184 A 19930507; AT 93401184 T 19930507; CA 2095896 A 19930510; DE 69316265 T 19930507; DK 93401184 T 19930507; ES 93401184 T 19930507; FR 9205689 A 19920511; US 5785493 A 19930507