

Title (en)

OPENING DEVICE FOR A MULTIPOLE CIRCUIT BREAKER WITH A ROTATING CONTACT BRIDGE

Publication

EP 0314540 B1 19930929 (FR)

Application

EP 88402559 A 19881011

Priority

FR 8714964 A 19871026

Abstract (en)

[origin: EP0314540A1] An opening device for a low-voltage circuit-breaker includes, in each pole, a switch bar (40), a pair of fixed contacts (26, 28) communicating with the connecting areas (30, 32), a double-opening rotary contact (14) extending into a housing (41) of the bar (40), and two arc-quenching chambers (36, 38) disposed on either side of the bar (40). Two contact compression springs (60, 62) ensure elastic positioning of the rotary contact (14) along the longitudinal direction of the pole. The pivoting of the rotary contact (14) takes place about a dummy axle (16) mounted so as to float in relation to the fixed axle of rotation of the bar (40). <IMAGE>

IPC 1-7

H01H 1/20; **H01H 1/32**

IPC 8 full level

H01H 21/14 (2006.01); **H01H 1/32** (2006.01); **H01H 9/36** (2006.01); **H01H 19/38** (2006.01); **H01H 73/02** (2006.01); **H01H 73/04** (2006.01); **H01H 73/06** (2006.01)

CPC (source: EP US)

H01H 1/205 (2013.01 - EP US); **H01H 1/32** (2013.01 - EP US); **H01H 73/045** (2013.01 - EP US); **H01H 1/2058** (2013.01 - EP US); **H01H 2001/223** (2013.01 - EP US)

Cited by

US6087609A; EP0961306A3; DE10219022B3; DE19836754B4; EP1079409A1; FR2703185A1; EP0406130A1; FR2648952A1; EP0617449A1; US5534832A; DE102009052965B3; US2015077199A1; US9508495B2; DE10150550C1; FR2710453A1; EP1302960A3; EP0560697A1; FR2688626A1; US5310971A; FR2818003A1; DE10061394B4; DE19933614C1; CN102623265A; EP0560696A1; FR2688625A1; US5313180A; DE102011003131A1; EP1098343A1; EP0542636A1; FR2682531A1; US5281776A; AU659219B2; CN108461347A; US10424453B2; US9136067B2; US6403901B1; US8680409B2; US7221246B2; WO2010139185A1; WO2007088080A1; WO0241347A1; WO0106529A1; WO0106530A1; WO2011058120A1; WO9805049A1; WO9805053A1; WO9508837A1; WO0241345A1; WO0241346A1

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