

Title (en)
LOW VOLTAGE-PROTECTIVE LINE SWITCH

Publication
EP 0028389 B1 19831123 (DE)

Application
EP 80106618 A 19801029

Priority
DE 2944579 A 19791105

Abstract (en)
[origin: EP0028389A1] 1. A single- or multi-pole low-tension line circuit breaker with a contact position (22, 24) comprising a movable contact (22) and a fixed contact (24) for each pole, having an arc extinction chamber associated with the contact position (22, 24), on which position by means of a switch mechanism (12) an overcurrent trip acts in the event of an overload current or short circuit current, the fixed contact (24) being mounted on a guide bar which forms both an arc guide bar (26, 50) and a terminal, characterised in that the contact position (22, 24) is associated with a component (42, 58a, 63, 64) which is made from a memory alloy and which is deformed when and after its transition temperature is exceeded and so forces the contacts irreversibly apart.

IPC 1-7
H01H 71/14; **H01H 73/00**

IPC 8 full level
H01H 73/04 (2006.01); **H01H 71/12** (2006.01); **H01H 71/14** (2006.01); **H01H 73/00** (2006.01)

CPC (source: EP)
H01H 71/122 (2013.01); **H01H 71/145** (2013.01)

Cited by
GB2209200A; EP0081290A1; DE19727152A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI

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EP 0028389 A1 19810513; **EP 0028389 B1 19831123**; AT E5448 T1 19831215; DE 2944579 A1 19810507; DE 2944579 C2 19860220; JP S5673831 A 19810618

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EP 80106618 A 19801029; AT 80106618 T 19801029; DE 2944579 A 19791105; JP 15573580 A 19801105