

Title (en)

Contact force in auxiliary switches, adjusted without calibration

Title (de)

Justierfreie einstellbare Kontaktkraft an Hilfsschaltern

Title (fr)

Force de contact dans des interrupteurs auxiliaires, ajustée sans calibrage

Publication

EP 0828266 A3 19981014 (DE)

Application

EP 97114853 A 19970827

Priority

DE 19636560 A 19960909

Abstract (en)

[origin: EP0828266A2] A signalling- and/or protection device for process variables, in which a release or trip system is activated by displacement of a detection member (4), the displacement being dependent on the process variable, and the trip system (2) releasing an abrupt actuation of a movable contact element (6) of an auxiliary switch (7), via a coupling member (5). The contact element is held by a contact arm (9) on a carrier part (11) located in the protection device housing. The contact arm (9) is arranged in a guide slot (10) of the carrier part in such a way that the movable (6) and fixed (8) contact elements mutually abut against one another with a given contact force.

IPC 1-7

H01H 1/34; **H01H 9/00**

IPC 8 full level

H01H 1/26 (2006.01); **H01H 9/00** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP)

H01H 1/26 (2013.01); **H01H 9/0066** (2013.01); **H01H 83/223** (2013.01); **H01H 2001/0005** (2013.01)

Citation (search report)

- [XY] FR 2064871 A5 19710723 - KUPFER ASBEST CO
- [Y] DE 7739158 U1 19790308
- [A] DE 2142822 A1 19730315 - SIEMENS AG
- [A] US 4808129 A 19890228 - KERSHNER STEPHEN W [US]

Cited by

EP3255740A4; EP3467961A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0828266 A2 19980311; **EP 0828266 A3 19981014**; CN 1058102 C 20001101; CN 1180909 A 19980506; DE 19636560 A1 19980312

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