

Title (en)
DEVICE FOR RELEASING THE CONTACTS OF DIFFERENTIAL SWITCHES

Publication
EP 0320929 A3 19900829 (EN)

Application
EP 88120979 A 19881215

Priority
IT 2306987 A 19871217

Abstract (en)
[origin: EP0320929A2] This device comprises: - a first lever (7,7a,7b) having a first arm (7) actuated by the release device, and a second arm (7a) acting on an engagement element (10), - a second lever having a first arm (11,11a) engageable with said engagement element (10) and a contrast arm (11e) acting on a biasing spring (3), - a third lever rigidly associated with a resetting knob and having a first arm loading said spring upon each resetting and a second arm (12) in contact with the contrast arm and connected to a pusher rod (13) for actuating a release lever (14), - a connecting rod (15) pivoted to the knob (1) and said contrast arm (11e) for keeping the second lever in position after each resetting, so that upon each actuation of the first lever (7), the second lever (11,11a,11e) is disengaged from the engagement element (10) and can rotate freely, the third lever (12,12a,12b) rotates under the thrust of the preloaded spring (3) and the connecting rod (13) moves towards the switch release lever (14), thus causing contact opening.

IPC 1-7
H01H 83/22; **H01H 83/04**; **H01H 71/50**

IPC 8 full level
H01H 71/50 (2006.01); **H01H 83/04** (2006.01); **H01H 83/22** (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)
H01H 71/505 (2013.01); **H01H 83/04** (2013.01); **H01H 83/22** (2013.01); **H01H 71/1072** (2013.01); **H01H 2083/045** (2013.01)

Citation (search report)
• [A] FR 77263 E 19620209 - PREC MECANIQUE LABINAL
• [A] FR 2500957 A1 19820903 - LICENTIA GMBH [DE]
• [A] DE 1286187 B 19690102 - LICENTIA GMBH

Cited by
EP0456586A1; FR2662019A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

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EP 0320929 A2 19890621; **EP 0320929 A3 19900829**; IT 1223520 B 19900919; IT 8723069 A0 19871217

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