

Title (en)

DEVICE TO CONVERT A REVERSING CONTACT ASSEMBLY

Publication

EP 0017814 B1 19830518 (DE)

Application

EP 80101603 A 19800326

Priority

DE 2914775 A 19790411

Abstract (en)

[origin: ES8101318A1] A device for shifting a contact arrangement in a thermally operating protective relay having a make contact, a break contact, as well as a double-throw contact, provides for shifting the arrangement from self-locking to automatic resetting by shifting the make contact by means of a piston which can be locked. The self-locking condition provided can be cancelled by arranging the make contact for motion, in the closing direction, by the piston which is supported so as to be freely movable. The plunger has a resilient hook which can snap into undercuts in the housing of the relay which establish the end positions of the plunger. The undercuts are arranged in steps so that two different end positions for the plunger are obtained when the plunger is rotated approximately 90 DEG . One end position corresponds to the automatic resetting of the contact arrangement. The other end position makes it possible to move the plunger to cancel the self-locking condition. Using this structure, only one piston is needed, and the shift can be made with one hand.

IPC 1-7

H01H 71/10; **H01H 83/22**

IPC 8 full level

H01H 61/01 (2006.01); **H01H 61/00** (2006.01); **H01H 71/10** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)

H01H 71/10 (2013.01 - EP US); **H01H 83/223** (2013.01 - EP US); **H01H 2071/109** (2013.01 - EP US)

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- DE 1563670 B2 19730712
- DE 1802835 C

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 2914775 B1 19800717; AR 218198 A1 19800515; BR 8002175 A 19801125; DE 7910663 U1 19831208; EP 0017814 A1 19801029; EP 0017814 B1 19830518; ES 490433 A0 19801201; ES 8101318 A1 19801201; IN 152093 B 19831015; JP S55146832 A 19801115; US 4315233 A 19820209

DOCDB simple family (application)

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