

Title (en)
RELEASE MECHANISM FOR A THERMAL PROTECTION RELAY

Publication
EP 0017813 B1 19830126 (DE)

Application
EP 80101602 A 19800326

Priority
DE 2914776 A 19790411

Abstract (en)
[origin: ES8101316A1] A tripping device for a thermal protection relay, particularly a bimetal relay, has a pivoted U-shaped support bracket for a tripping lever, can be adjusted by means of an adjusting dog, and acts on a set of contacts. The U-shaped support bracket has a crosspiece which carries one end of U-shaped temperature compensation strip. The other end of the strip rests against the adjusting dog. The support bracket has support points for the support bracket and the tripping lever lying one behind another in the longitudinal direction of the bracket legs, starting at the crosspiece. This relay design results in reduced cost of assembly and in reduced overall relay size. Also, a heretofore required contact pressure spring for the temperature compensation strip is dispensed with.

IPC 1-7
H01H 83/22; **H01H 71/74**

IPC 8 full level
H01H 61/00 (2006.01); **H01H 61/01** (2006.01); **H01H 71/74** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)
H01H 71/7445 (2013.01 - EP US); **H01H 83/223** (2013.01 - EP US)

Cited by
EP0321086A3; DE19904539C1; DE19904539C2; WO0046827A1

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CH FR GB IT SE

DOCDB simple family (publication)
DE 2914776 B1 19800717; **DE 2914776 C2 19810702**; AR 218199 A1 19800515; BR 8002178 A 19801125; EP 0017813 A1 19801029; EP 0017813 B1 19830126; ES 490434 A0 19801201; ES 8101316 A1 19801201; IN 153469 B 19840721; JP S55146833 A 19801115; JP S5929939 B2 19840724; US 4321573 A 19820323

DOCDB simple family (application)
DE 2914776 A 19790411; AR 28022380 A 19800307; BR 8002178 A 19800409; EP 80101602 A 19800326; ES 490434 A 19800410; IN 281CA1980 A 19800311; JP 4794880 A 19800411; US 13512180 A 19800328