

Title (en)
Current dependent switch

Title (de)
Stromabhängiger Schalter

Title (fr)
Interrupteur dépendant du courant

Publication
EP 0678891 B1 19990217 (DE)

Application
EP 95105956 A 19950421

Priority
DE 9406806 U 19940423

Abstract (en)
[origin: EP0678891A1] A bimetallic switching element designed to open contacts at a specific level of current has a circular housing with a movable contact on a bimetallic disc (6) and a fixed contact (11) on the cap (7). Mounted directly below the bimetallic disc is a snap action disc (3) that is produced from a relatively low conductivity metal such as steel or brass. The resistance value of the disc is set by forming slots in the disc. At a specific value of current the disc responds to snap over and so opens the contacts. <IMAGE>

IPC 1-7
H01H 71/16; **H01H 37/54**

IPC 8 full level
H01H 37/54 (2006.01); **H01H 71/16** (2006.01)

CPC (source: EP)
H01H 37/5427 (2013.01); **H01H 71/164** (2013.01)

Cited by
DE112012002681B4; DE102011016142A1; EP2854149A1; IT202100018770A1; IT202100018779A1

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

DOCDB simple family (publication)
EP 0678891 A1 19951025; **EP 0678891 B1 19990217**; AT E176832 T1 19990315; DE 59505108 D1 19990325; DE 9406806 U1 19950601; DK 0678891 T3 19990510; ES 2130462 T3 19990701

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EP 95105956 A 19950421; AT 95105956 T 19950421; DE 59505108 T 19950421; DE 9406806 U 19940423; DK 95105956 T 19950421; ES 95105956 T 19950421