

Title (en)
IMPROVEMENTS RELATING TO ELECTRIC SWITCHES

Title (de)
VERBESSERUNGEN VON ELEKTRISCHEN SCHALTERN

Title (fr)
AMELIORATIONS CONCERNANT DES COMMUTATEURS ELECTRIQUES

Publication
EP 0685107 B1 19971022 (EN)

Application
EP 94906339 A 19940216

Priority

- GB 9400315 W 19940216
- GB 9303292 A 19930218

Abstract (en)
[origin: GB2275823A] A thermally-responsive switch, designed to go open circuit in response to relatively low overload currents of the order of 2 amps and below, comprises a moulded plastics body 1 capturing therein first and second wire terminals 2, 3 and having an internal chamber 4 wherein a snap-acting bimetal blade 6 of very low thickness is spot-welded to one of the wire terminals 2 and carries a silver contact 12 which cooperates in switching operations with the other wire terminal 3. The moulded plastics body 1 is formed of a polymeric PTC material and acts as a heater in parallel with the bimetallic switch. <IMAGE>

IPC 1-7
H01H 1/50; **H01H 61/013**

IPC 8 full level
H01H 37/54 (2006.01); **H01H 1/50** (2006.01); **H01H 61/013** (2006.01); **H01H 81/02** (2006.01)

CPC (source: EP KR)
H01H 1/50 (2013.01 - KR); **H01H 1/504** (2013.01 - EP); **H01H 61/013** (2013.01 - EP); **H01H 81/02** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
GB 2275823 A 19940907; **GB 2275823 B 19961127**; **GB 9303292 D0 19930407**; AU 6008994 A 19940914; CA 2155961 A1 19940901; DE 69406429 D1 19971127; EP 0685107 A1 19951206; EP 0685107 B1 19971022; JP H08508603 A 19960910; KR 960701458 A 19960224; WO 9419815 A1 19940901

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