

Title (en)
Temperature protective switch

Title (de)
Temperaturschutzschalter

Title (fr)
Disjoncteur thermique

Publication
EP 2511930 B1 20160120 (DE)

Application
EP 12160468 A 20120321

Priority
DE 102011016896 A 20110413

Abstract (en)
[origin: EP2511930A1] The switch has a connection plate (1) with a fixed contact (2), and another connection plate (3) with a movable contact (5), where the plates are connected with insulator bodies (6a, 6b). The movable contact is secured at a leg (4a) of a spring (4), where the latter connection plate contacts another leg (4b) of the spring. A bimetallic disk (7) pushes a plunger provided between the former leg and the disk so as to separate the movable and fixed contacts upon exceeding switching temperature. A housing (10) includes an open narrow side for insertion of the insulator bodies into the housing.

IPC 8 full level
H01H 37/54 (2006.01); **H01H 37/64** (2006.01)

CPC (source: EP)
H01H 37/5427 (2013.01); **H01H 37/64** (2013.01)

Citation (opposition)
Opponent : Thermik Gerätebau GmbH
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• US 3972016 A 19760727 - SCHMITT DONALD J
• DE 19922633 A1 19991125 - PORTAGE ELECTRIC PROD INC [US]
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• US 4669182 A 19870602 - FERRONI C PAUL [US], et al
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DOCDB simple family (application)
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