

Title (en)

Switching element for electrical appliances, such as electrical heaters

Title (de)

Schaltglied für Elektrogeräte, wie Elektrowärmegegeräte

Title (fr)

Élément de commutation pour appareils électriques, comme des appareils de chauffage électrique

Publication

EP 0884927 A3 19990915 (DE)

Application

EP 98110441 A 19980608

Priority

DE 19724820 A 19970612

Abstract (en)

[origin: EP0884927A2] The switching element has a switch which can be actuated by two physically separate actuating elements (13,32). The first actuating element (13) is a thermal expansion element which actuates a snap switch (26). The second actuating element (32) is an electromagnetic element which also acts upon the snap switch and which contains an electromagnet (33) which preferably has a relay flap armature.

IPC 1-7

H05B 3/74; H05B 1/02

IPC 8 full level

H05B 1/02 (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP)

H05B 1/0216 (2013.01); **H05B 3/746** (2013.01); **H05B 2213/07** (2013.01)

Citation (search report)

- [X] DE 865769 C 19530205 - SIEGFRIED JUNGHANS
- [A] DE 2126876 A1 19721130 - LICENTIA GMBH
- [A] GB 2295490 A 19960529 - DIAMOND H CONTROLS LTD [GB]

Cited by

EP1339260A1; US6781505B2; WO2008099134A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0884927 A2 19981216; **EP 0884927 A3 19990915**; DE 19724820 A1 19981217

DOCDB simple family (application)

EP 98110441 A 19980608; DE 19724820 A 19970612