

Title (en)

Method of producing an electric supply switch, particularly for electric household appliances and similar, and switch produced thereby

Title (de)

Verfahren zur Herstellung eines Netzschalters besonders für elektrische Haushaltgeräte und dergleichen und so hergestellter Schalter

Title (fr)

Procédé de fabrication d'un commutateur d'alimentation particulièrement pour appareils électroménagers ou similaires et commutateur ainsi produit

Publication

**EP 0780862 A3 19980520 (EN)**

Application

**EP 96120812 A 19961223**

Priority

IT TO951042 A 19951222

Abstract (en)

[origin: EP0780862A2] An electric switch for selectively supplying current to user assemblies, such as motors, heating elements and similar, of electric household appliances, the switch including a number of metal strips blanked and appropriately shaped to form the corresponding arms of flexible blade (9) switches activated by a number of rotary cams (25) on a rotary shaft (24); the blades (9) of each switch are connected integrally at one end to two respective supporting strips (5, 6) connected to two lateral strips (7) parallel to the blades of the switches; the blades are cut at an intermediate point to form two flexible free ends supporting the two contacts of each switch; to superimpose the ends of each pair of blades, a tight loop-shaped bend (15) is formed in the two lateral strips to shorten them and bring the blades in each pair closer together by a sufficient length to form an adequate contact portion; the grid of conducting strips so formed may be fitted to the surface of or molded into a flat support (19) of insulating plastic, leaving an opening (23) at the flexible blades; and the various pairs of flexible blades of the various switches are separated electrically from one another by forming gaps in a portion of the supporting or lateral strips. <IMAGE> <IMAGE>

IPC 1-7

**H01H 11/00**; **H01H 19/62**

IPC 8 full level

**H01H 11/00** (2006.01); **H01H 19/62** (2006.01)

CPC (source: EP)

**H01H 11/0056** (2013.01); **H01H 19/62** (2013.01)

Citation (search report)

- [Y] FR 2213569 A1 19740802 - AMP INC [US]
- [Y] EP 0155390 A2 19850925 - MIRACO INC [US]
- [A] US 3945808 A 19760323 - SHEESLEY WILMER LEE, et al
- [A] GB 1493377 A 19771130 - AMP INC
- [A] DE 4132046 A1 19930408 - KONTAKT GERAETESCHALTER GMBH I [DE]

Cited by

EP1467445A3; EP0977224A3; US6211582B1; WO2006102936A1; EP1151447B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0780862 A2 19970625**; **EP 0780862 A3 19980520**; **EP 0780862 B1 20010816**; DE 69614492 D1 20010920; DE 69614492 T2 20020529; ES 2161960 T3 20011216; IT 1281101 B1 19980211; IT TO951042 A0 19951222; IT TO951042 A1 19970622

DOCDB simple family (application)

**EP 96120812 A 19961223**; DE 69614492 T 19961223; ES 96120812 T 19961223; IT TO951042 A 19951222