

Title (en)

Contact spring unit for an electrical switching function

Title (de)

Kontaktfeder-Einheit für elektrische Schaltfunktionen

Title (fr)

Unité de ressort de contact réalisant une fonction de commutation

Publication

EP 0853353 A3 19981202 (DE)

Application

EP 98100094 A 19980107

Priority

DE 19700726 A 19970111

Abstract (en)

[origin: EP0853353A2] The unit has a metallic contact board (2) having a base part (3) with at least one contact arm (5) formed in one piece with the base part. The base part is fixedly held in an electrically non-conductive frame (7). At least one of the long sides (12) and the front end (9) of the contact arm (5) is surrounded by at least one frame leg (7) formed integrally with the frame. The front end of the contact arm is releasably locked in the frame leg (8). Preferably the section of the frame leg which holds the front end of the contact arm has a groove (10) which receives the contact arm front end.

IPC 1-7

H01R 13/70

IPC 8 full level

H01H 1/26 (2006.01); **H01H 11/04** (2006.01); **H01R 13/70** (2006.01); **H01H 1/28** (2006.01); **H01H 11/00** (2006.01)

CPC (source: EP US)

H01H 11/04 (2013.01 - EP US); **H01H 1/28** (2013.01 - EP US); **H01H 11/0056** (2013.01 - EP US)

Citation (search report)

- [A] EP 0346662 A2 19891220 - EATON CORP [US]
- [A] US 4006336 A 19770201 - BOYDEN ROBERT E

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0853353 A2 19980715; **EP 0853353 A3 19981202**; **EP 0853353 B1 20000426**; DE 19700726 A1 19980716; DE 59800133 D1 20000531; ES 2146121 T3 20000716; US 5917398 A 19990629

DOCDB simple family (application)

EP 98100094 A 19980107; DE 19700726 A 19970111; DE 59800133 T 19980107; ES 98100094 T 19980107; US 367898 A 19980107