

Title (en)
METHOD OF MANUFACTURING AN ELECTROMECHANICAL RELAY

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES ELEKTROMECHANISCHEN RELAIS

Title (fr)
PROCEDE DE FABRICATION D UN RELAIS ELECTROMECHANIQUE

Publication
EP 0927427 B1 20010131 (EN)

Application
EP 97940680 A 19970828

Priority
• US 9715210 W 19970828
• US 71612296 A 19960919

Abstract (en)
[origin: WO9812723A1] An electromechanical relay, in particular, a moveable contact arm for a relay. The contact arm is manufactured by brazing a pair of contact pieces from both sides to a metal blade. In order to avoid excess brazing material contaminating the contact surfaces, the metal blade is provided with a through-hole over which the contact pieces are centered from both sides. The through-hole serves as a braze reservoir. Thus, excess brazing material flows into the hole which in turn limits braze flow up the contact edges which would result in contamination of the contact surfaces.

IPC 1-7
H01H 11/04

IPC 8 full level
H01H 11/00 (2006.01); **H01H 11/04** (2006.01); **H01H 11/06** (2006.01); **H01H 45/00** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP KR)
H01H 11/043 (2013.01 - EP); **H01H 45/00** (2013.01 - KR); **H01H 11/045** (2013.01 - EP); **H01H 2011/047** (2013.01 - EP)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9812723 A1 19980326; CN 1075235 C 20011121; CN 1231058 A 19991006; DE 69704025 D1 20010308; DE 69704025 T2 20010719; EP 0927427 A1 19990707; EP 0927427 B1 20010131; JP 2001500664 A 20010116; JP 3818393 B2 20060906; KR 100473425 B1 20050307; KR 20000048484 A 20000725; TW 357374 B 19990501

DOCDB simple family (application)
US 9715210 W 19970828; CN 97198063 A 19970828; DE 69704025 T 19970828; EP 97940680 A 19970828; JP 51467998 A 19970828; KR 19997002363 A 19990319; TW 86113572 A 19971027