

Title (en)
ELECTRICAL CONNECTORS

Publication
EP 0165064 A3 19870527 (EN)

Application
EP 85304207 A 19850613

Priority
GB 8415061 A 19840613

Abstract (en)
[origin: EP0165064A2] An electrical connector comprises an insulating body formed from a thermoplastic material with at least one spring contact retainer secured in a hole formed through the body. The spring contact retainer is secured by applying heat to the surface of the body surrounding the hole, after insertion of the spring contact retainer, whereby the thermoplastic material melts and flows around the end of the spring contact retainer. The heat is preferably produced by pressing a shaped tool against the body and creating relative ultrasonic vibrations between the tool and the body.

IPC 1-7
H01R 43/20; **H01R 13/405**

IPC 8 full level
H01R 13/40 (2006.01); **H01R 43/20** (2006.01); **H01R 13/426** (2006.01)

CPC (source: EP)
H01R 43/20 (2013.01); **H01R 13/426** (2013.01)

Citation (search report)
• [X] DE 1640507 A1 19710225 - INT STANDARD ELECTRIC CORP
• [A] US 3781986 A 19740101 - JOSLYN C, et al
• [A] DE 7712158 U1 19770825

Cited by
CN107834344A

Designated contracting state (EPC)
DE FR IT NL SE

DOCDB simple family (publication)
EP 0165064 A2 19851218; **EP 0165064 A3 19870527**; GB 2160145 A 19851218; GB 8415061 D0 19840718; GB 8514457 D0 19850710; JP S6110886 A 19860118

DOCDB simple family (application)
EP 85304207 A 19850613; GB 8415061 A 19840613; GB 8514457 A 19850607; JP 12911085 A 19850613