

Title (en)
ELECTRICAL PRESS-FIT CONTACT MEMBER, AND METHOD FOR ITS PRODUCTION

Publication
EP 0340574 A3 19900912 (DE)

Application
EP 89107293 A 19890422

Priority
CH 173188 A 19880506

Abstract (en)
[origin: EP0340574A2] In this contact member for pressing into a hole in an electrical printed-circuit board, the press-in element (23) has an essentially U- shaped cross-section with two elastically flexible U-limbs (24) and a U-web (25) which connects these limbs to one another. In the cross- section of the press-in element (23), the U-web has a strength which exceeds the thickness of each U-limb (24). On its outer surface (26) facing away from the U-limbs (24), the U-web (25) is provided with a rib (27) running in the pressing-in direction. When the press-in element (23) is inserted into a printed-circuit board hole, the rib (27) and the externally located end elements of the two U-limbs (24) come into contact on the circumference of the hole, the U-limbs (24) being bent in an elastically sprung manner against one another and the contact piece being provided with good retention in the hole. The press-in element (23) is preferably produced by extrusion moulding in a moulding shape, the creation of sharp edges on the press-in element (23) being avoided. <IMAGE>

IPC 1-7
H01R 9/09; **H01R 43/16**

IPC 8 full level
H01R 4/14 (2006.01); **H01R 12/58** (2011.01); **H01R 43/16** (2006.01)

CPC (source: EP US)
H01R 12/58 (2013.01 - EP US); **H01R 43/16** (2013.01 - EP US)

Citation (search report)
• [X] FR 2287827 A1 19760507 - DU PONT [US]
• [A] EP 0138309 A1 19850424 - MANSKA WAYNE E
• [A] EP 0110187 A1 19840613 - ERNI ELEKTROAPP [DE]

Cited by
EP0492017A1; US5915999A; WO9624175A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0340574 A2 19891108; **EP 0340574 A3 19900912**; CH 675929 A5 19901115; US 4936797 A 19900626

DOCDB simple family (application)
EP 89107293 A 19890422; CH 173188 A 19880506; US 34230289 A 19890424