

Title (en)
Retaining and contact element and connector having such element

Title (de)
Halte- und Kontaktelement in einem Verbinder

Title (fr)
Élément de maintien et de contact et connecteur le comprenant

Publication
EP 0773609 B1 20010404 (FR)

Application
EP 96117086 A 19961024

Priority
FR 9513149 A 19951107

Abstract (en)
[origin: EP0773609A1] The solderless connector plugs into a plated through hole in the printed circuit. The element (1) includes the nut (13) and rear handling section (10) which rests above the hole. The lower section of the nut is a protruding section (3). The section is arced in its longitudinal profile, and has a flattened off upper portion (8). The upper portion has a central slot (16) running longitudinally. The section shape allows flexing when the connector is forced into a plug.

IPC 1-7
H01R 12/22; **F16B 5/06**; **H05K 7/14**

IPC 8 full level
F16B 5/06 (2006.01); **H01R 12/22** (2006.01); **H01R 12/32** (2006.01); **H01R 12/55** (2011.01); **H01R 12/71** (2011.01); **H01R 13/73** (2006.01); **H05K 7/14** (2006.01)

CPC (source: EP US)
H01R 12/7064 (2013.01 - EP US)

Cited by
US6056596A; CN111727670A; EP0924801A1; FR2772521A1; US11395426B2

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0773609 A1 19970514; **EP 0773609 B1 20010404**; DE 69612352 D1 20010510; DE 69612352 T2 20010920; ES 2155916 T3 20010601; FR 2740913 A1 19970509; FR 2740913 B1 19971205; US 5816855 A 19981006

DOCDB simple family (application)
EP 96117086 A 19961024; DE 69612352 T 19961024; ES 96117086 T 19961024; FR 9513149 A 19951107; US 74096496 A 19961105