

Title (en)
Press-fit connection pin.

Title (de)
Einpresskontaktstift.

Title (fr)
Broche de contact à insertion à force.

Publication
EP 0488487 B1 19950405 (EN)

Application
EP 91250319 A 19911127

Priority
DE 9016257 U 19901129

Abstract (en)
[origin: CA2056713A1] PRESS-FIT CONNECTION PIN A connection pin is pressed into throughmetallized bore in a printed circuit board. The connection pin is preferably of slightly conical external shape and has a recess which extends in its longitudinal direction and which is open at one side. The provision of the recess makes the press-in portion of the pin somewhat resilient. The press-in portion is divided into a plurality of portions of different external shapes. In spite of a high level of resiliency and a sufficiently high pressing pressure, metallization and tinning of the board bores are not scraped off and the formation of cuttings is prevented.

IPC 1-7
H01R 9/09

IPC 8 full level
H01R 4/00 (2006.01); **H01R 12/04** (2006.01); **H01R 12/32** (2006.01); **H01R 12/34** (2006.01); **H01R 12/58** (2011.01); **H01R 13/04** (2006.01); **H01R 13/05** (2006.01)

CPC (source: EP)
H01R 12/585 (2013.01)

Cited by
US5599213A; EP1420479A1; DE19545481A1; US6979234B2; US9356367B2

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

DOCDB simple family (publication)
DE 9016257 U1 19910404; AU 642555 B2 19931021; AU 8819891 A 19920604; CA 2056713 A1 19920530; DE 69108685 D1 19950511; DE 69108685 T2 19950817; EP 0488487 A1 19920603; EP 0488487 B1 19950405; ES 2070422 T3 19950601; JP 2718585 B2 19980225; JP H04269472 A 19920925

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