

Title (en)

Press-fit pin for circuit board connection.

Title (de)

Einpressstift für die Verbindung einer Schaltplatte.

Title (fr)

Broche à insertion en force pour la connexion à une plaque de câblage.

Publication

**EP 0236186 A1 19870909 (EN)**

Application

**EP 87400213 A 19870130**

Priority

US 82510086 A 19860131

Abstract (en)

This invention relates to a press-fit pin (10) for insertion into a hole having a conductive surface (22). This pin comprises a contact section (12) for engagement with the surface to provide electrical contact therewith and further to provide a retention force maintaining said pin in the hole. The contact section comprises a pair of elongated beams (28-30) extending in the longitudinal direction of the pin, each beam having a generally C-shaped cross section with the C's opened toward each other.

IPC 1-7

**H01R 9/09**

IPC 8 full level

**H01R 12/04** (2006.01); **H01R 12/32** (2006.01); **H01R 12/34** (2006.01); **H01R 12/58** (2011.01); **H01R 13/41** (2006.01)

CPC (source: EP)

**H01R 12/585** (2013.01)

Citation (search report)

- [X] DE 1615681 A1 19700618 - AMP INC
- [X] DE 7615027 U1 19760909
- [X] EP 0102786 A2 19840314 - MINNESOTA MINING & MFG [US]
- [A] GB 2161035 A 19860102 - SMITHS INDUSTRIES PLC

Cited by

GB2195836B; EP0472163A1; DE4115822A1; US5878483A; EP0736939A1; FR2732821A1; US5915759A; EP1069650A1; US5548486A; US5715595A; US6292429B1; US9570832B2; US10693270B2; US11374373B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0236186 A1 19870909**; CA 1273687 A 19900904; JP H0535551 B2 19930526; JP S62271376 A 19871125

DOCDB simple family (application)

**EP 87400213 A 19870130**; CA 528528 A 19870130; JP 2032987 A 19870130