

Title (en)
Compliant pin.

Title (de)
Kontaktstift für elektrische Leiterplatte.

Title (fr)
Broche pour plaquette de circuit électrique.

Publication
EP 0141492 A2 19850515 (EN)

Application
EP 84305416 A 19840808

Priority
US 54448483 A 19831024

Abstract (en)
The disclosure relates to a compliant pin that effects a resilient interference fit within a complementary aperture of a printed circuit board. The pin utilizes an improved three beam configuration that optimizes electrical continuity, load distribution and mechanical stability, yet minimizes insertion force. The compliant pin exhibits contact wiping upon insertion and an anti-torque characteristic after insertion.

IPC 1-7
H01R 9/09

IPC 8 full level
F16B 17/00 (2006.01); **H01R 12/58** (2011.01)

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

Cited by
US5816855A; EP0887883A3; US4897053A; EP0225400A1; US4691979A; EP0773609A1

Designated contracting state (EPC)
BE DE FR GB IT SE

DOCDB simple family (publication)
EP 0141492 A2 19850515; EP 0141492 A3 19850703; CA 1222553 A 19870602; JP S60101884 A 19850605

DOCDB simple family (application)
EP 84305416 A 19840808; CA 460963 A 19840814; JP 20420884 A 19841001