

Title (en)  
Contact system with press-fit pin and printed circuit board

Title (de)  
Kontaktsystem mit Einpressstift und Leiterplatte

Title (fr)  
Système de contact avec broche d'insertion et circuit imprimé

Publication  
**EP 2696439 B1 20190320 (DE)**

Application  
**EP 13177745 A 20130724**

Priority  
DE 102012214121 A 20120809

Abstract (en)  
[origin: EP2696439A2] The contact i.e. insertion pin (10), has two contact cutting edges (26) formed within a contact region (19) for representation of a four-point contact and a diagonal contact with a circular aperture of a printed circuit board. A clearance i.e. needle eye (18), is formed between spring legs (14, 16). The contact cutting edges are arranged at an outer side of the spring legs in a central position and extend through the contact region in an axial direction of the pin. The circular aperture comprises a copper ring or a copper sleeve. The spring legs comprise a rectangular cross section area.

IPC 8 full level  
**H01R 12/58** (2011.01)

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

Cited by  
WO2016058830A1

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