

Title (en)

CONTACT PIN FOR AN ELECTRONIC CIRCUIT

Title (de)

KONTAKTSTIFT FÜR EINE ELEKTRONISCHE SCHALTUNG

Title (fr)

BROCHE DE CONTACT POUR UN CIRCUIT ELECTRONIQUE

Publication

EP 2291887 A1 20110309 (DE)

Application

EP 09765663 A 20090420

Priority

- EP 2009054667 W 20090420
- DE 102008002558 A 20080620

Abstract (en)

[origin: WO2009153083A1] The invention relates to a contact pin for an electronic circuit, having at least one ceramic circuit carrier, wherein the circuit carrier has at least one opening for receiving the contact pin, and the circuit carrier has electric contact surfaces in the region of the opening for receiving the contact pin, and wherein the contact pin is only elastically deformed during the insertion of the same into the opening. According to further improvements of the invention the contact pin may have an electric contact spring as a plug-in stop on the plug-in side in addition to or instead of the radial thickened regions, said plug-in stop being substantially configured in the manner of a circular sector, the outer surface thereof pushing onto the circuit carrier as the stop surface, or onto the end that is inserted through the opening in the circuit carrier, and can comprise a barbed hook that prevents a sliding out of the contact pin after inserting the contact pin through the opening.

IPC 1-7

H01R 12/04

CPC (source: EP US)

H01R 12/58 (2013.01 - EP US); **H01R 12/57** (2013.01 - EP US)

Citation (search report)

See references of WO 2009153083A1

Citation (examination)

- US 5860817 A 19990119 - FIEBERLING BERND [DE], et al
- US 6685484 B2 20040203 - KEYSER FRANK T [US]
- US 2001041467 A1 20011115 - KIKUCHI EIJI [JP], et al
- EP 1429589 A2 20040616 - MARQUARDT GMBH [DE]

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