

Title (en)

CONTACT ELEMENT FOR A PRINTED CIRCUIT BOARD

Title (de)

KONTAKTELEMENT FÜR EINE LEITERPLATTE

Title (fr)

ÉLÉMENT DE CONTACT POUR UNE CARTE DE CIRCUIT IMPRIMÉ

Publication

**EP 3297097 A1 20180321 (EN)**

Application

**EP 16189267 A 20160916**

Priority

EP 16189267 A 20160916

Abstract (en)

The present invention relates to a contact element (10) for electrically connecting a printed circuit board (40) to a counter connector, the contact element has a flat body (11), comprising a solder portion (18) that protrudes from a second contact element surface (17), wherein the solder portion is defined by an indentation (20) in the flat body, wherein the indentation forms a plane solder surface (19) that is parallel shifted from the second contact element surface, the contact element further comprises holding arms (24) protruding from a peripheral edge (12) of the flat body, wherein the solder portion and the holding arms protrude in the same direction, perpendicular to the second contact element surface of the flat body, wherein the distal ends of the holding arms have latching means.

IPC 8 full level

**H01R 12/57** (2011.01); **H01R 12/58** (2011.01); **H01R 12/71** (2011.01)

CPC (source: EP)

**H01R 12/57** (2013.01); **H01R 12/58** (2013.01); **H01R 12/714** (2013.01); **H01R 12/718** (2013.01)

Citation (search report)

- [XYI] US 4037898 A 19770726 - GUYETTE EDWARD L
- [Y] FR 2593017 A1 19870717 - SAYAG ELECTRONIC [FR]
- [A] US 2016043485 A1 20160211 - STOERMER PETER [DE]
- [A] US 3120415 A 19640204 - DUROCHER HECTOR R
- [A] US 6139362 A 20001031 - BROWN JOHN BOSSERT [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3297097 A1 20180321**

DOCDB simple family (application)

**EP 16189267 A 20160916**