

Title (en)

Seam closure of a receptacle contact

Title (de)

Nahtverschluss einer Anschlussbuchse

Title (fr)

Fermeture de jointure d'un contact de prise

Publication

EP 2654140 B1 20141210 (EN)

Application

EP 12164251 A 20120416

Priority

EP 12164251 A 20120416

Abstract (en)

[origin: EP2654140A1] A receptacle contact for an electrical connector, comprising a seam 150 along the corner radii of the receptacle and which is defined by the junction of a first contacting edge 350 of a first sidewall 140 of the receptacle contact with a second contacting edge 360 of a second sidewall 135 of the receptacle. Each contacting edge is provided with interlocking features 378, 380 adapted to interlock with each other at each side of the seam 150 to fasten the first and second sidewalls together. This allows to either eliminate a box weld as the dovetail features on each side of the seam provides robust retention in each X, Y and Z planes, or if a seam weld is used, to provide increased resistance against ultrasonic cable splice stresses by having the seam weld located on the more rigid corner geometry.

IPC 8 full level

H01R 43/16 (2006.01); **H01R 13/11** (2006.01)

CPC (source: EP)

H01R 13/11 (2013.01); **H01R 43/16** (2013.01); **H01R 13/113** (2013.01)

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

DOCDB simple family (publication)

EP 2654140 A1 20131023; **EP 2654140 B1 20141210**; WO 2013156367 A1 20131024

DOCDB simple family (application)

EP 12164251 A 20120416; EP 2013057482 W 20130410