

Title (en)
METHOD FOR MANUFACTURING PLUG-TYPE CONTACTS, PLUG-TYPE CONTACT AND COMPONENT ASSEMBLY COMPRISING AT LEAST ONE PLUG-TYPE CONTACT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON STECKKONTAKTEN, STECKKONTAKT SOWIE BAUTEILANORDNUNG MIT ZUMINDEST EINEM STECKKONTAKT

Title (fr)
PROCÉDÉ DE FABRICATION DE BROCHES DE CONTACT, BROCHE DE CONTACT ET AGENCEMENT DE COMPOSANT COMPRENANT AU MOINS UNE BROCHE DE CONTACT

Publication
EP 2987208 A1 20160224 (DE)

Application
EP 14700671 A 20140116

Priority
• DE 102013103818 A 20130416
• EP 2014050749 W 20140116

Abstract (en)
[origin: WO2014170035A1] The invention relates to a method for manufacturing plug-type contacts, in particular press-in contacts (100; 100a; 100b), comprising producing a rough contour, in particular a stamped contour, of a press-in contact (100; 100a; 100b), with a connecting body (1) and two limbs (21, 22) adjoining said connecting body, which limbs are arranged opposite one another, wherein the limbs (21, 22) have press-in regions (5) and end regions (4) remote from the connecting body (1) having contact sections (42, 44) which face one another and are spaced apart from one another in a defined manner; and reforming the limbs (21, 22), comprising moving the end regions (4) of the limbs (21, 22) towards one another with at least partial plastic deformation of at least one of the limbs (21, 22), wherein the contact sections (42, 44) of the limbs (21, 22) touch one another at least sectionally in a defined manner once the load has been relieved. The invention furthermore relates to a press-in contact (100; 100a; 100b) and to a component assembly comprising at least one contact receptacle (304) and one press-in contact (100; 100a; 100b).

IPC 8 full level
H01R 12/58 (2011.01); **H01R 43/16** (2006.01)

CPC (source: EP US)
H01R 12/585 (2013.01 - EP US); **H01R 13/415** (2013.01 - US); **H01R 43/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2014170035A1

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)
WO 2014170035 A1 20141023; DE 102013103818 A1 20141030; EP 2987208 A1 20160224; EP 2987208 B1 20220302; ES 2910451 T3 20220512; US 10170852 B2 20190101; US 2016049743 A1 20160218

DOCDB simple family (application)
EP 2014050749 W 20140116; DE 102013103818 A 20130416; EP 14700671 A 20140116; ES 14700671 T 20140116; US 201514883794 A 20151015