

Title (en)

PRESS-IN CONTACT WITH A PRESS-IN ZONE WHICH IS DESIGNED SUCH THAT IT CAN BE ROLLED IN

Title (de)

EINPRESSKONTAKT MIT EINER EINROLLBAR AUSGEBILDETEN EINPRESSZONE

Title (fr)

CONTACT À INSÉRER COMPRENANT UNE ZONE D'INSERTION ENROULABLE

Publication

EP 3251182 B1 20190320 (DE)

Application

EP 15816191 A 20151222

Priority

- DE 102015200491 A 20150114
- EP 2015080995 W 20151222

Abstract (en)

[origin: WO2016113089A1] The invention relates to a press-in contact. The press-in contact has a contact section and a press-in pin which is integrally formed on the contact section. The press-in pin has a channel-like longitudinal section, wherein the channel-like longitudinal section is designed to make electrical contact with an inner wall of a cylindrical aperture and to be firmly held in the aperture, in particular in a force-fitting manner. According to the invention, the longitudinal section, in particular a press-in zone of the press-in contact, has two spring limbs which are each of resilient design and which each have a rounded portion. The spring limbs are each designed to reduce a radius of curvature of the rounded portion when they are pressed into the aperture. The spring limbs are preferably each designed to match the radius of curvature of the rounded portion to a radius of curvature of the cylindrical aperture.

IPC 8 full level

H01R 43/16 (2006.01); **H01R 12/58** (2011.01)

CPC (source: CN EP)

H01R 12/585 (2013.01 - CN EP); **H01R 43/16** (2013.01 - CN EP)

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)

DE 102015200491 A1 20160714; CN 107112663 A 20170829; CN 107112663 B 20200313; EP 3251182 A1 20171206; EP 3251182 B1 20190320; FR 3031630 A1 20160715; WO 2016113089 A1 20160721

DOCDB simple family (application)

DE 102015200491 A 20150114; CN 201580073151 A 20151222; EP 15816191 A 20151222; EP 2015080995 W 20151222; FR 1650284 A 20160114