

Title (en)  
CONNECTOR

Title (de)  
STECKVERBINDER

Title (fr)  
CONNECTEUR À FICHE

Publication  
**EP 3118938 B1 20180919 (DE)**

Application  
**EP 16177962 A 20160705**

Priority  
DE 202015103779 U 20150717

Abstract (en)  
[origin: CN206195034U] The utility model relates to a connect formula of plugging in connector, it has insulating material casing and being used for in the insulating material casing and presss from both sides the spring binding post of tight electrical lead, wherein spring binding post constitutes for having the root section, the insulating circuit protective sleeve comprises a sleeve body, the flat contact of plate -type, the tight contact site section of clamp of each a pair of opposition of looks is each other given prominence to along two opposite orientations from the root section, it is used for respectively the electrical lead or connects contact pin to press from both sides tightly between the tight contact site section of a pair of this kind of clamp to press from both sides tight contact site section, and wherein the insulating material casing has to be used for introducing and will press from both sides tight electrical lead or meet contact pin, the passageway is introduced to the wire of looks opposition each other, wherein, the wire of insulating material casing is introduced the passageway and is extended to the tight contact site section of the clamp that distributes at least from the outside, the insulating material casing has with wire introduction passageway crossingly, the contact receiving channel of narrow orifice shape, and constituting, the flat contact of plate -type is arranged in pushing contact receiving channel and be used for fixing the casing at insulating material.

IPC 8 full level  
**H01R 13/11** (2006.01); **H01R 4/48** (2006.01); **H01R 13/428** (2006.01); **H01R 24/20** (2011.01); **H01R 13/627** (2006.01); **H01R 31/06** (2006.01); **H01R 43/20** (2006.01); **H01R 107/00** (2006.01)

CPC (source: EP)  
**H01R 4/48185** (2023.08); **H01R 13/112** (2013.01); **H01R 13/428** (2013.01); **H01R 24/20** (2013.01); **H01R 13/6272** (2013.01); **H01R 31/06** (2013.01); **H01R 43/20** (2013.01); **H01R 2107/00** (2013.01)

Cited by  
CN112993701A; CN114141452A; CN106785755A; CN110277687A; EP4148912A1; WO2023036483A1

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)  
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**DE 202015103779 U 20150717**; CN 201620684836 U 20160630; EP 16177962 A 20160705