

Title (en)

RETAINING FRAME FOR RETAINING PLUG-TYPE CONNECTOR MODULES

Title (de)

HALTERAHMEN ZUR HALTERUNG VON STECKVERBINDERMODULEN

Title (fr)

CADRE SUPPORT SERVANT À MAINTENIR DES MODULES DE CONNECTEURS À FICHES

Publication

EP 2920849 B1 20200108 (DE)

Application

EP 13805246 A 20131113

Priority

- DE 102012110907 A 20121113
- DE 2013100382 W 20131113

Abstract (en)

[origin: WO2014075662A1] What is proposed is: configuring a retaining frame (1) for retaining plug-type connector modules (40) in such a way that retaining means (41) of the plug-type connector modules (40) can be retained, without play, in cutouts (11) in the retaining frame (1). For this purpose, the retaining frame (1) is configured in two parts, wherein a slot (2/3) runs between the two retaining frame parts (2, 3) through the cutouts (11). By underdimensioning the cutouts (11), in relation to the dimensions of the retaining means (41) of plug-type connector modules (40), a press fit of the retaining means (41) in the cutouts (11) is sought by the retaining frame parts (2, 3) being joined.

IPC 8 full level

H01R 13/639 (2006.01); **H01R 13/514** (2006.01); **H01R 13/518** (2006.01)

CPC (source: EP RU US)

H01R 13/514 (2013.01 - EP US); **H01R 13/518** (2013.01 - EP US); **H01R 13/639** (2013.01 - US); **H01R 13/514** (2013.01 - RU); **H01R 13/518** (2013.01 - RU); **H01R 13/639** (2013.01 - RU)

Citation (examination)

- US 2012244730 A1 20120927 - GRIMM MATTHEW DON [US], et al
- US 6699060 B1 20040302 - SCOTT RAVEN C [US]
- DE 29812500 U1 19980910 - ILME SPA [IT]

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102012110907 A1 20140515; **DE 102012110907 B4 20190613**; BR 112015010611 A2 20170711; CN 105027361 A 20151104; CN 105027361 B 20180706; EP 2920849 A1 20150923; EP 2920849 B1 20200108; JP 2015535134 A 20151207; JP 5989256 B2 20160907; PL 2920849 T3 20200629; RU 2015122402 A 20170110; RU 2610464 C2 20170213; US 2016276778 A1 20160922; US 9923307 B2 20180320; WO 2014075662 A1 20140522

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