

Title (en)

HOLDING FRAME WITH RESTORING FORCE FOR PLUG CONNECTOR MODULES

Title (de)

HALTERAHMEN MIT RÜCKSTELLKRAFT FÜR STECKVERBINDERMODULE

Title (fr)

CHÂSSIS DE MAINTIEN À FORCE DE RAPPEL POUR MODULES DE CONNECTEUR À FICHE

Publication

EP 3345253 B1 20191225 (DE)

Application

EP 16774845 A 20160816

Priority

- DE 102015114699 A 20150903
- DE 2016100366 W 20160816

Abstract (en)

[origin: WO2017036445A1] The invention relates to a holding frame (1) in which plug connector modules (19) can be inserted. The holding frame (1) consists of two connectable halves (4, 5), a first half (4) and a second half (5), the halves (4, 5) can be placed at an angular position (α less than 180°) for opening the holding frame (1). The holding frames (1) comprise at least one first spring element (7, 7'), the first spring element (7, 7') applying a restoring force to the halves (4, 5), the lateral parts (22) of the holding frame (1) can be guided essentially parallel with each other.

IPC 8 full level

H01R 13/506 (2006.01); **H01R 13/508** (2006.01); **H01R 13/518** (2006.01)

CPC (source: EP US)

H01R 13/506 (2013.01 - EP US); **H01R 13/508** (2013.01 - EP US); **H01R 13/514** (2013.01 - US); **H01R 13/518** (2013.01 - EP US)

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)

WO 2017036445 A1 20170309; CN 107949958 A 20180420; CN 107949958 B 20200221; DE 102015114699 A1 20170309; EP 3345253 A1 20180711; EP 3345253 B1 20191225; US 10263357 B2 20190416; US 2018248297 A1 20180830

DOCDB simple family (application)

DE 2016100366 W 20160816; CN 201680051272 A 20160816; DE 102015114699 A 20150903; EP 16774845 A 20160816; US 201615756897 A 20160816