

Title (en)

HOLDING FRAME WITH A GUIDING ELEMENT FOR PLUG CONNECTOR MODULES

Title (de)

HALTERAHMEN MIT FÜHRUNGSELEMENT FÜR STECKVERBINDERMODULE

Title (fr)

CADRE DE RETENUE AVEC UN ÉLÉMENT DE GUIDAGE POUR MODULES DE CONNECTEUR ENFICHABLE

Publication

**EP 3406002 A1 20181128 (DE)**

Application

**EP 17704160 A 20170117**

Priority

- DE 102016100794 A 20160119
- DE 2017100022 W 20170117

Abstract (en)

[origin: WO2017125107A1] The invention relates to a holding frame (1) into which plug connector modules (19) can be inserted. The holding frame (1) has guiding means, whereby the holding frame (1) can be aligned with a second holding frame (1') in the plug-in direction so as to fit in a precise manner. Two holding frames which can be plugged together contain at least one respective pneumatic plug connector module. The first holding frame (1) comprises a first pneumatic plug connector module (19), and the second holding frame (1') comprises a second pneumatic plug connector module (19). The first pneumatic plug connector module (19) is aligned with the second pneumatic plug connector module (19) such that the modules can be plugged together. Such pneumatic plug connector modules (19) are particularly sensitive to wear when they are plugged together without being aligned relative to one another in an exact manner.

IPC 8 full level

**H01R 13/506** (2006.01); **H01R 13/514** (2006.01); **H01R 13/518** (2006.01)

CPC (source: EP KR US)

**H01R 13/506** (2013.01 - EP KR US); **H01R 13/514** (2013.01 - EP KR US); **H01R 13/518** (2013.01 - EP KR US); **H01R 13/665** (2013.01 - US)

Citation (search report)

See references of WO 2017125107A1

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)

**DE 102016100794 A1 20170720**; **DE 102016100794 B4 20190328**; CN 108475873 A 20180831; CN 108475873 B 20200626; EP 3406002 A1 20181128; EP 3406002 B1 20200311; KR 102212320 B1 20210205; KR 20180100685 A 20180911; PL 3406002 T3 20200907; RU 2704607 C1 20191030; US 10559913 B2 20200211; US 2019036268 A1 20190131; WO 2017125107 A1 20170727

DOCDB simple family (application)

**DE 102016100794 A 20160119**; CN 201780006462 A 20170117; DE 2017100022 W 20170117; EP 17704160 A 20170117; KR 20187023478 A 20170117; PL 17704160 T 20170117; RU 2018129728 A 20170117; US 201716069846 A 20170117