

Title (en)

METHOD FOR AN AUTOMATED ASSEMBLY OR PLUG-IN PROCESS

Title (de)

VERFAHREN ZUM AUTOMATISIERTEN MONTIEREN ODER EINSTECKEN

Title (fr)

PROCÉDÉ DE MONTAGE OU D'ENFICHAGE AUTOMATISÉ

Publication

**EP 3785337 A1 20210303 (DE)**

Application

**EP 19718295 A 20190411**

Priority

- DE 102018110260 A 20180427
- EP 2019059219 W 20190411

Abstract (en)

[origin: WO2019206656A1] The invention relates to a method for an automated assembly or plug-in process of at least one first contact element (11), which is connected to a first wire (12), and a second contact element (21), which is connected to a second wire (22), into adjacently arranged contact chambers (31, 32) through a respective assembly opening (33, 34) of a contact support (30), wherein a gripping device grasps the first and second wire (12, 22) such that one of the two contact elements (11, 21) protrudes in the plug-in direction (S) and thereby moves forward relative to the other contact element (21, 11) during the assembly process.

IPC 8 full level

**H01R 43/20** (2006.01)

CPC (source: EP)

**H01R 43/20** (2013.01)

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)

**WO 2019206656 A1 20191031**; CN 112005452 A 20201127; CN 112005452 B 20220719; DE 102018110260 A1 20191031;  
DE 102018110260 B4 20200618; EP 3785337 A1 20210303; EP 3785337 B1 20230607; PT 3785337 T 20230828

DOCDB simple family (application)

**EP 2019059219 W 20190411**; CN 201980027023 A 20190411; DE 102018110260 A 20180427; EP 19718295 A 20190411;  
PT 19718295 T 20190411