

Title (en)

RETRACTION AID OF ELECTRIC PLUG CONNECTORS WITH A MOVEMENT DIRECTION IN THE PLUG-IN DIRECTION

Title (de)

EINZUGSHILFE VON ELEKTRISCHEN STECKVERBINDERN MIT VERSCHIEBERICHTUNG IN STECKRICHTUNG

Title (fr)

AUXILIAIRE D'INSERTION POUR CONNECTEURS ÉLECTRIQUES, AVEC DIRECTION DE COULISSEMENT DANS LA DIRECTION D'ENFICHAGE

Publication

**EP 3679633 A1 20200715 (DE)**

Application

**EP 18765882 A 20180907**

Priority

- DE 102017120667 A 20170907
- EP 2018074130 W 20180907

Abstract (en)

[origin: WO2019057519A1] The invention relates to a plug connection (1) which consists of a plug connector (2) and a mating plug connector (3) that can be plugged together in order to form the plug connection (1), comprising a retraction aid which is arranged on a part of the plug connector (1) and which interacts with another part on the mating plug connector (3). The plug connector (1) and the mating plug connector (3) have a retraction aid, said retraction aid being actuated axially in the plug-in direction automatically when the plug connector and the mating plug connector are plugged together.

IPC 8 full level

**H01R 13/629** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP US)

**H01R 13/6273** (2013.01 - US); **H01R 13/62922** (2013.01 - EP); **H01R 13/62955** (2013.01 - US); **H01R 13/6272** (2013.01 - EP)

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 2019057519 A1 20190328**; CN 111095687 A 20200501; CN 111095687 B 20211029; EP 3679633 A1 20200715; EP 3679633 B1 20240619; US 11165200 B2 20211102; US 2020244007 A1 20200730

DOCDB simple family (application)

**EP 2018074130 W 20180907**; CN 201880057858 A 20180907; EP 18765882 A 20180907; US 201816634966 A 20180907