

Title (en)

PLUG-IN CONNECTION WHICH CAN BE PRE-LOADED WITH A HIGH FORCE IN A BACKLASH-FREE MANNER

Title (de)

MIT HOHER KRAFT SPIELFREI VORSPANNBARE STECKVERBINDUNG

Title (fr)

CONNEXION ENFICHABLE POUVANT ÊTRE PRÉCHARGÉE SANS JEU AVEC UNE FORCE ÉLEVÉE

Publication

EP 4066331 A1 20221005 (DE)

Application

EP 20812294 A 20201124

Priority

- DE 102019131725 A 20191125
- EP 2020083236 W 20201124

Abstract (en)

[origin: WO2021105135A1] Plug-in connection, comprising a plug-in connector (1) which can be plugged together with a mating plug-in connector, also known as a pin housing (2), it being possible to at least indirectly lock the plug-in connector (1) with the mating plug-in connector (2), characterised in that a bushing housing (3) is provided which at least partially surrounds the plug-in connector (1) and provides the locking with the mating plug-in connector or pin housing (2), and in that the plug-in connector (1), the mating plug-in connector or the pin housing (2) and the bushing housing (3) are operatively interconnected by means of a lever mechanism and can be braced together.

IPC 8 full level

H01R 13/629 (2006.01); **H01R 13/627** (2006.01); **H01R 13/631** (2006.01)

CPC (source: EP US)

H01R 13/6271 (2013.01 - US); **H01R 13/6275** (2013.01 - EP); **H01R 13/62916** (2013.01 - EP); **H01R 13/62938** (2013.01 - US); **H01R 13/631** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

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