

Title (en)
CONNECTING PART, METHOD FOR MATING A FIRST CONNECTING PART AND A SECOND CONNECTING PART AND METHOD FOR UNPLUGGING A FIRST CONNECTING PART FROM A SECOND CONNECTING PART

Title (de)
VERBINDUNGSTEIL, VERFAHREN ZUR VERBINDUNG EINES ERSTEN VERBINDUNGSTEILS MIT EINEM ZWEITEN VERBINDUNGSTEILS UND VERFAHREN ZUR ENTKOPPLUNG EINES ERSTEN VERBINDUNGSTEILS VON EINEM ZWEITEN VERBINDUNGSTEIL

Title (fr)
PIÈCE DE CONNEXION, PROCÉDÉ DE JONCTION DE PREMIER PIÈCE DE CONNEXION ET DE DEUXIÈME PIÈCE DE CONNEXION ET PROCÉDÉ DE DÉSACCOUPEMENT DE PREMIER PIÈCE DE CONNEXION DE UNE DEUXIÈME PIÈCE DE CONNEXION

Publication
EP 3467957 B1 20231206 (EN)

Application
EP 17195189 A 20171006

Priority
EP 17195189 A 20171006

Abstract (en)
[origin: EP3467957A1] A plug-in connector comprising a first connecting part and a second connecting part is described, the first connecting part being configured for being mated with the second connecting part in a mating direction. The first connecting part comprises at least one latching element configured for engaging with at least one counterlatching element of the second connecting part when the first connecting part is mated with the second connecting part, and a locking member movably arranged in the first connecting part, wherein the locking member is configured for locking an engagement between the at least one latching element and the at least one counterlatching element in a locking position of the locking member. The first connecting part comprises a forced guidance configured for enforcing a rotational motion of the locking member when the locking member is moved relative to the at least one latching element. The second connecting part is shaped and configured for interacting with the locking member such that a rotational motion of the locking member relative to the first connecting part is enforced when the first connecting part is mated with the second connecting part, wherein the rotational motion comprises moving the locking member from the locking position to a non-locking position and back to the locking position, with the at least one latching element being configured for engaging with the at least one counterlatching element when the locking member is in the non-locking position.

IPC 8 full level
H01R 13/627 (2006.01); **H01R 13/631** (2006.01); **H01R 43/26** (2006.01); **H01R 13/625** (2006.01)

CPC (source: EP)
H01R 13/6275 (2013.01); **H01R 13/631** (2013.01); **H01R 43/26** (2013.01); **H01R 13/625** (2013.01)

Citation (examination)
GB 1237709 A 19710630 - BOWTHORPE HELLERMANN LTD

Cited by
CN113241558A; GB2603965A; DE102020121535A1; WO2022037963A1; DE102020121535B4

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)
EP 3467957 A1 20190410; EP 3467957 B1 20231206; EP 3467957 C0 20231206

DOCDB simple family (application)
EP 17195189 A 20171006