

Title (en)

PLUG CONNECTOR MODULE HAVING SPRING LINKS

Title (de)

STECKVERBINDERMODUL MIT FEDERBRÜCKEN

Title (fr)

MODULE DE CONNECTEUR ENFICHABLE MUNI DE PONTS À RESSORT

Publication

EP 3586409 A1 20200101 (DE)

Application

EP 18712432 A 20180214

Priority

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Abstract (en)

[origin: WO2018153405A1] The invention relates to a system comprising a first plug connector module (1) and a second plug connector module (2) that can be plugged therewith, wherein the plug connector modules (1, 2) each have at least two contact elements (4, 11), wherein the first plug connector module (1) has at least one spring link (6, 6'), wherein, in the unplugged state, the at least one spring link (6, 6') connects the at least two contact elements (4, 4'; 4", 4''') of the first plug connector module (1) electrically conductively to each other. The invention further relates to a method for plugging a plug connector module (1) with a second plug connector module (2), wherein the first and the second plug connector modules are guided toward each other in the plug-in direction, wherein a sliding element (13) of the second plug connector module presses against at least one spring link (6, 6') of the first plug connector module (1) and, as a result, the at least one spring link (6, 6') is brought out of touching contact with at least two associated socket contacts (4, 4' and 4", 4''').

IPC 8 full level

H01R 13/703 (2006.01); **H01R 13/514** (2006.01); **H01R 31/08** (2006.01)

CPC (source: EP KR RU US)

H01R 13/2407 (2013.01 - KR); **H01R 13/4223** (2013.01 - KR RU US); **H01R 13/4367** (2013.01 - EP); **H01R 13/506** (2013.01 - KR RU US); **H01R 13/514** (2013.01 - EP KR RU US); **H01R 13/518** (2013.01 - KR RU US); **H01R 13/7032** (2013.01 - EP KR RU US); **H01R 31/08** (2013.01 - EP KR US); **H01R 2107/00** (2013.01 - US); **H01R 2201/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2018153405A1

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DOCDB simple family (publication)

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