

Title (en)

ANGLED PLUG CONNECTOR AND METHOD OF ASSEMBLY

Title (de)

GEWINKELTER STECKVERBINDER UND VERFAHREN ZUR KONFEKTIONIERUNG

Title (fr)

CONNECTEUR ENFICHABLE COUDÉ ET PROCÉDÉ DE FABRICATION

Publication

EP 3676918 A1 20200708 (DE)

Application

EP 18762001 A 20180813

Priority

- DE 102017120180 A 20170901
- DE 2018100707 W 20180813

Abstract (en)

[origin: WO2019042494A1] The invention relates to a plug connector (1) comprising a plug connector housing, a cutting region (2) arranged in the plug connector housing, and a contact region (3) arranged in the plug connector housing, the contact region (3) being suitable for contacting a mating plug connector. The plug connector (1) comprises a plugging side (S) and a connecting side (A) opposite the plugging side (S), the plugging side (S) and the connecting side (A) being arranged at an angle to one another. This means that the plug connector is an angled plug connector in which, according to the invention, the cutting region (2) and the contact region (3) are arranged on the plugging side (S). The invention further relates to a method for assembling a plug connector (1) of this type.

IPC 8 full level

H01R 31/06 (2006.01); **H01R 4/2433** (2018.01); **H01R 13/502** (2006.01); **H01R 13/52** (2006.01); **H01R 13/622** (2006.01)

CPC (source: EP KR US)

H01R 4/2433 (2013.01 - EP KR US); **H01R 13/502** (2013.01 - KR); **H01R 13/512** (2013.01 - US); **H01R 13/52** (2013.01 - KR); **H01R 13/622** (2013.01 - EP KR); **H01R 31/06** (2013.01 - EP KR); **H01R 43/01** (2013.01 - US); **H01R 43/20** (2013.01 - US); **H01R 13/502** (2013.01 - EP); **H01R 13/52** (2013.01 - EP)

Citation (search report)

See references of WO 2019042494A1

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)

DE 102017120180 B3 20190103; CN 111066212 A 20200424; EP 3676918 A1 20200708; KR 102455452 B1 20221017; KR 20200037411 A 20200408; US 2020161779 A1 20200521; WO 2019042494 A1 20190307

DOCDB simple family (application)

DE 102017120180 A 20170901; CN 201880055822 A 20180813; DE 2018100707 W 20180813; EP 18762001 A 20180813; KR 20207008176 A 20180813; US 201816633317 A 20180813