

Title (en)

RIGHT ANGLE AND STRAIGHT-LINE CONNECTOR ASSEMBLY

Title (de)

RECHTWINKLIGE UND GERADLINIGE STECKVERBINDERANORDNUNG

Title (fr)

ENSEMBLE CONNECTEUR À ANGLE DROIT ET EN LIGNE DROITE

Publication

**EP 3800746 A1 20210407 (EN)**

Application

**EP 19201574 A 20191004**

Priority

EP 19201574 A 20191004

Abstract (en)

Connector assembly comprising a male electrical connector (200) and a female electrical connector (3). The male connector (200) comprises at least one pair of male terminals (7) and the female connector (3) comprises at least one pair of female terminals (14). Each female terminal (14) is accommodated in a cavity (12). Each male terminal (7) has a connecting portion (23). The respective cavity (12) of each female terminal (14) comprises a front opening (44) and a side opening (45) both designed for receiving the connecting portion (23) of a male terminal (7). Male and female connectors comprised in this connector assembly. Method of manufacturing the female connector.

IPC 8 full level

**H01R 13/629** (2006.01); **H01R 13/11** (2006.01); **H01R 24/58** (2011.01); **H01R 13/04** (2006.01)

CPC (source: EP)

**H01R 13/112** (2013.01); **H01R 13/113** (2013.01); **H01R 13/629** (2013.01); **H01R 13/04** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)

- US 8192212 B2 20120605 - CASSES CLAUDE [FR], et al
- US 8747130 B2 20140610 - TYLER ADAM P [US], et al
- US 10109952 B2 20181023 - CAMPBELL JEFFREY SCOTT [US], et al

Citation (search report)

- [X] US 2018034171 A1 20180201 - TYLER ADAM PRICE [US]
- [X] US 2017047682 A1 20170216 - HO YI-TSE [TW]
- [A] US 5639270 A 19970617 - BARBIERI SILVIO [IT], et al
- [A] US 2012156909 A1 20120621 - TYLER ADAM PRICE [US]

Cited by

CN115332836A; WO2023146576A1

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)

**EP 3800746 A1 20210407**

DOCDB simple family (application)

**EP 19201574 A 20191004**