

Title (en)
ANGLE CONNECTOR

Title (de)
WINKELSTECKER

Title (fr)
CONNECTEUR COUDÉ

Publication
EP 3278400 A1 20180207 (DE)

Application
EP 16712061 A 20160330

Priority
• DE 102015105088 A 20150401
• EP 2016056902 W 20160330

Abstract (en)
[origin: WO2016156385A1] The invention relates to a high-frequency angle connector, comprising an external connector (100), an angled external conductor part (110), an angled insulating part (120), an angled holder (130) and four angled contact elements (140) to which electrical conductors can be connected. The angled holder (130) is designed such that the four contact elements (140) can be inserted without exerting force. The high-frequency angle connector is preferably a FAKRA connector. The housing (100) of a FAKRA connector corresponds to standard DIN 72594-1.

IPC 8 full level
H01R 9/03 (2006.01); **H01R 13/42** (2006.01); **H01R 13/506** (2006.01); **H01R 24/54** (2011.01); **H01R 107/00** (2006.01)

CPC (source: CN EP US)
H01R 4/18 (2013.01 - EP US); **H01R 13/42** (2013.01 - CN EP US); **H01R 13/506** (2013.01 - CN EP US); **H01R 13/65912** (2020.08 - CN EP US);
H01R 24/545 (2013.01 - CN EP US); **H01R 9/2408** (2013.01 - EP US); **H01R 2107/00** (2013.01 - CN EP US)

Citation (search report)
See references of WO 2016156385A1

Cited by
EP4130229A4; EP3101737B1

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 102015105088 A1 20161006; DE 102015105088 B4 20181011; CN 107873113 A 20180403; CN 107873113 B 20190927;
EP 3278400 A1 20180207; EP 3278400 B1 20180801; ES 2693104 T3 20181207; TR 201815215 T4 20181121; US 10014619 B2 20180703;
US 2018097309 A1 20180405; WO 2016156385 A1 20161006

DOCDB simple family (application)
DE 102015105088 A 20150401; CN 201680019843 A 20160330; EP 16712061 A 20160330; EP 2016056902 W 20160330;
ES 16712061 T 20160330; TR 201815215 T 20160330; US 201615563141 A 20160330