

Title (en)

COUPLING PLATE AND METHOD FOR CONNECTING TWO COUPLING PLATES

Title (de)

KUPPLUNGSPLATTE UND VERFAHREN ZUM VERBINDEN ZWEIER KUPPLUNGSPLATTEN

Title (fr)

PLAQUE DE COUPLAGE ET PROCÉDÉ POUR RELIER DEUX PLAQUES DE COUPLAGE

Publication

EP 3706532 A1 20200916 (DE)

Application

EP 18803384 A 20181109

Priority

- DE 102017126477 A 20171110
- EP 2018080818 W 20181109

Abstract (en)

[origin: WO2019092205A1] The invention relates to a coupling plate is for forming electrical, electronic, hydraulic and/or pneumatic connections. The coupling plate comprises a more or less flat baseplate, at least two hydraulic connection devices formed in the baseplate, at least one electronic connection device for providing an electronic connection between a control device of a vehicle and a control device of an attachment, at least one electrical connection device, a centring device having at least two coupling and/or counter-coupling elements for the relative orientation of the connector devices of the coupling plate with regard to corresponding connections.

IPC 8 full level

A01B 71/06 (2006.01)

CPC (source: EP KR US)

A01B 71/063 (2013.01 - EP KR); **A01B 76/00** (2013.01 - US); **F16L 39/00** (2013.01 - US); **H01R 13/005** (2013.01 - US); **H01R 13/512** (2013.01 - US); **H01R 13/631** (2013.01 - US); **H01R 43/26** (2013.01 - US); **B60Y 2200/22** (2013.01 - KR); **H01R 2201/26** (2013.01 - US)

Citation (search report)

See references of WO 2019092205A1

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)

WO 2019092205 A1 20190516; CN 111432623 A 20200717; DE 102017126477 A1 20190516; DE 102017126477 A8 20190704; EP 3706532 A1 20200916; JP 2021502118 A 20210128; KR 20200079325 A 20200702; US 11419256 B2 20220823; US 2020267888 A1 20200827

DOCDB simple family (application)

EP 2018080818 W 20181109; CN 201880073034 A 20181109; DE 102017126477 A 20171110; EP 18803384 A 20181109; JP 2020544136 A 20181109; KR 20207016548 A 20181109; US 202016870256 A 20200508