

Title (en)

ARRANGEMENT HAVING A MALE CONNECTOR AND A FEMALE CONNECTOR

Title (de)

ANORDNUNG AUFWEISEND EINEN MÄNNLICHEN ANSCHLUSS UND EINEN WEIBLICHEN ANSCHLUSS

Title (fr)

AGENCEMENT PRÉSENTANT UN RACCORDEMENT MÂLE ET UN RACCORDEMENT FEMELLE

Publication

EP 3752759 A1 20201223 (DE)

Application

EP 19706870 A 20190201

Priority

- DE 102018103242 A 20180214
- DE 2019100107 W 20190201

Abstract (en)

[origin: WO2019158153A1] The present invention relates to an arrangement having a male connector (12) and a female connector (14), in particular for a hydraulic coupling system, wherein the female connector (14) has a securing leg (18) for securing the female connector (14) to the male connector (12), wherein the securing leg (18) comprises an outer side (20) and an inner side (22), and wherein the male connector (12) has an inner leg (24) with an outer guide face (26) and an outer leg (28) with an inner guide face (30) facing the outer guide face (26), such that the securing leg (18) can be positioned between the inner leg (24) and the outer leg (28), there being respectively provided, on the outer side (20) of the securing leg (18) and the inner guide face (30) of the outer leg (28), or on the inner side (22) of the securing leg (18) and the outer guide face (26) of the inner leg (24), a recess (32, 34) for partially receiving a spring ring (36), wherein in a state in which the male connector (12) is secured to the female connector (14), the spring ring (36) is positioned in the recess (32) of the inner side (22) of the securing leg (18) and the recess of the outer guide face (26) of the inner leg (24), or in the recess (32) of the outer side (20) of the securing leg (18) and the recess (34) of the inner guide face (30) of the outer leg (28).

IPC 8 full level

F16L 5/02 (2006.01); **F16L 33/22** (2006.01); **F16L 37/088** (2006.01)

CPC (source: EP)

F16L 5/027 (2013.01); **F16L 33/227** (2013.01); **F16L 37/088** (2013.01)

Citation (search report)

See references of WO 2019158153A1

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 102018103242 A1 20190814; CN 111684189 A 20200918; CN 111684189 B 20220415; DE 112019000788 A5 20201105;
EP 3752759 A1 20201223; WO 2019158153 A1 20190822

DOCDB simple family (application)

DE 102018103242 A 20180214; CN 201980012246 A 20190201; DE 112019000788 T 20190201; DE 2019100107 W 20190201;
EP 19706870 A 20190201