

Title (en)

ASSEMBLY FOR CONNECTING FLUID CONVEYING PIPES

Title (de)

ANORDNUNG ZUR VERBINDUNG VON FLÜSSIGKEITSFÖRDERROHREN

Title (fr)

ENSEMBLE DE RACCORDEMENT DE CONDUITS DE TRANSPORT DE FLUIDE

Publication

**EP 3881000 A1 20210922 (FR)**

Application

**EP 19801563 A 20191112**

Priority

- FR 1860436 A 20181112
- EP 2019081019 W 20191112

Abstract (en)

[origin: WO2020099401A1] Disclosed is a connection assembly for a fluid conveying circuit, comprising a connecting device (1) and a tool (50) for removing the device, the connecting device comprising a tubular body (2) having at least one end section (2.1) in which there is sealingly and removably engaged a tubular insert (100) for connection to a pipe (T) that comprises an external projection (104) extending into a recess of the body, the body comprising at least one retaining tab (3) that is elastically deformable between a position protruding into the recess and a retracted position. The tool comprises two lifting ramps (55) and the body comprises two transverse passages (4) opening on the outside of the body and in the recess on each side of the retaining tab in order to allow the lifting ramps to be inserted into the recess under the sides of the retaining tab (3), in order to bring the latter into the retracted position and allow the tubular insert to be extracted.

IPC 8 full level

**F16L 37/098** (2006.01); **B25B 27/14** (2006.01)

CPC (source: EP KR US)

**B25B 27/10** (2013.01 - US); **B25B 27/14** (2013.01 - EP KR); **F16L 37/0982** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2020099401A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3072154 A1 20190412**; **FR 3072154 B1 20200904**; CN 113167424 A 20210723; CN 113167424 B 20230704; EP 3881000 A1 20210922; KR 102548945 B1 20230629; KR 20210086697 A 20210708; US 11774023 B2 20231003; US 2021396337 A1 20211223; WO 2020099401 A1 20200522

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**FR 1860436 A 20181112**; CN 201980074015 A 20191112; EP 19801563 A 20191112; EP 2019081019 W 20191112; KR 20217016685 A 20191112; US 201917292043 A 20191112