

Title (en)

CONNECTING DEVICE FOR RIGIDLY CONNECTING A FIRST PIPE TO A SECOND PIPE

Title (de)

VERBINDUNGSVORRICHTUNG ZUM STARREN VERBINDEN EINES ERSTEN ROHRES MIT EINEM ZWEITEN ROHR

Title (fr)

DISPOSITIF DE LIAISON POUR RELIER RIGIDEMENT UN PREMIER TUBE À UN DEUXIÈME TUBE

Publication

EP 3359825 A1 20180815 (DE)

Application

EP 16775750 A 20161005

Priority

- DE 102015219187 A 20151005
- EP 2016073801 W 20161005

Abstract (en)

[origin: WO2017060306A1] The invention relates to a connecting device 1 for rigidly connecting a first pipe 10 to a second pipe 20, comprising an anchor-shaped connecting element 2 that has a shaft part 3, which is provided with a recess 4 and which can be arranged in the pipe interior 11 of the first pipe 10, and a head part 5, which can engage into a bore 21 of the second pipe. The connecting device also comprises a tensioning bearing 6, which can be introduced into a bore of the first pipe 10 such that the shaft part 3 of the anchor-shaped connecting element 2 can be received in a first opening 7 of the tensioning bearing 6, and a tensioning element 8, which comprises a tapering end 9 and can be introduced into a second opening 13 of the tensioning bearing 6 and the tapering end 9 of which is suitable for engaging into the recess 4 of the shaft part 3 so as to tension the anchor-shaped connecting element 2 in the pipe interior 11 of the first pipe 10 in the longitudinal direction of the pipe. The invention further relates to a connecting system comprising such a connecting device, a first pipe 10, and a second pipe 20.

IPC 8 full level

F16B 7/04 (2006.01)

CPC (source: EP)

F16B 7/0466 (2013.01)

Citation (search report)

See references of WO 2017060306A1

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 102015219187 A1 20170406; EP 3359825 A1 20180815; WO 2017060306 A1 20170413

DOCDB simple family (application)

DE 102015219187 A 20151005; EP 16775750 A 20161005; EP 2016073801 W 20161005