

Title (en)
HIGH-PRESSURE CONNECTION DEVICE

Title (de)
HOCHDRUCKANSCHLUSSVORRICHTUNG

Title (fr)
DISPOSITIF DE RACCORDEMENT À HAUTE PRESSION

Publication
EP 3172427 A1 20170531 (DE)

Application
EP 15735923 A 20150706

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Abstract (en)
[origin: WO2016012224A1] The invention relates to a high-pressure connection device with a housing (1), in which there is arranged a receiving opening (2) into which a duct (3) extending in the housing (1) opens, and with a pressure pipe stub (9), in which there is formed a high-pressure duct (11) which opens at one end into an end side (13) of the pressure pipe stub (9), and with an external thread (10) which is formed on the pressure pipe stub (9) and engages in an internal thread (5) formed in the receiving opening (2) with the formation of a screw connection, with the result that, when screwing the pressure pipe stub (9) into the receiving opening (2), said stub comes to bear against a seat surface (4) of the receiving opening (2) by way of a sealing surface (15) formed on the end side (13). According to the invention, a high-pressure connection device is specified which, combined with a simple structure, has an increased releasing moment by comparison with the prior art. This is achieved in that at least one flank of the screw connection has two flank angles β , γ which are different from one another.

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F02M 55/005 (2013.01 - CN EP); **F16B 39/30** (2013.01 - CN EP)

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