

Title (en)

END JUNCTION BETWEEN TWO TUBES FOR CIRCULATION OF FLUID AND A REACTOR EQUIPPED WITH SUCH A JUNCTION

Title (de)

ENDVERBINDUNG ZWISCHEN ZWEI ROHREN ZUR ZIRKULATION EINES FLUIDS UND REAKTOR MIT SOLCH EINER VERBINDUNG

Title (fr)

JONCTION D'EXTRÉMITÉ ENTRE DEUX TUBES DE CIRCULATION DE FLUIDE ET RÉACTEUR ÉQUIPE D'UNE TELLE JONCTION

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Application

EP 18729480 A 20180515

Priority

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Abstract (en)

[origin: WO2018211208A1] An end junction (1) between two tubes (20) for fluid circulation, formed of two bodies (2, 3) with parallel axes, said bodies (2, 3) each having a first open end face (4, 5) for connection to a tube (20) and a second opposite end face (6, 7). One (2) of the two bodies (2, 3) is cylindrical and the other (3) is cylindro-spherical. They are connected by a passage (8) comprising two sides (9, 10), one of which (9) is tangential to the cylindrical portion of the two bodies (2, 3) and forms, with the other, which is a curved wall, a section of said passage (8) reducing from the cylindro-spherical body (3) in the direction towards the cylindrical body (2). Said sides (9, 10) are connected together by two connecting walls (11, 12) respectively forming the top and bottom of the passage (8) in the vertical position of the axes of the bodies (2, 3). The bodies (2, 3) and the passage (8) are produced in a single piece and the connecting wall (12) forming the bottom of the passage (8) is connected to each of the sides (9, 10) by a curved area (15).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2018211208A1

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