

Title (en)

PLUG-IN CONNECTION FOR PIPES AND TUBES WITH A TUBE ENGAGING RING

Title (de)

STECKVERBINDUNG AN ROHREN UND SCHLÄUCHEN MIT EINEM ROHRRASTRING

Title (fr)

CONNEXION ENFICHABLE AU NIVEAU DE TUBES ET DE TUYAUX, COMPRENANT UN ANNEAU D'ENCLIQUETAGE DE TUBES

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Application

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Priority

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Abstract (en)

[origin: WO2007045281A1] The invention relates to a plug-in connection for pipes and tubes, said connection comprising a tubular connecting piece (1) and a tubular plug (20) which can be respectively connected to a pipe and/or a tube with a front side thereof and can be inserted into each in a sealing manner with the other front side thereof and engaged together in a secure, axially form-fitting manner. The connecting piece (1) comprises a tube engaging ring (3) on the tube (2) thereof, which forms an engaging groove (7) in which a catch spring (24) of the plug (20) at least partially engages, the tube engaging ring (3) being embodied as a part which is separate from the connecting piece (1) and secured thereon in a form-fitting manner with little play, or fixed thereto in a form-fitting or frictionally engaged manner without play. It is advantageous that the plug-in connection can be produced in an essentially simple manner and can also be subjected to an essentially higher axial load.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2007045281A1

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