

Title (en)

A PUSH-ON CONNECTOR FOR CONNECTING CYLINDRICAL PIPES, AND A VALVE COMPRISING SUCH A CONNECTOR

Title (de)

STECKVERBINDUNG ZUM VERBINDEN ZYLINDRISCHER ROHRE UND VENTIL MIT EINER SOLCHEN STECKVERBINDUNG

Title (fr)

RACCORD À SIMPLE PRESSION POUR RACCORDER DES TUYAUX CYLINDRIQUES, ET SOUPAPE COMPRENANT UN TEL RACCORD

Publication

EP 4295071 A1 20231227 (EN)

Application

EP 22771853 A 20220310

Priority

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- SE 2022050236 W 20220310

Abstract (en)

[origin: WO2022197231A1] Push-on connector (1) for connecting pipes (100), wherein the connector (1) comprises a body (2) with a cavity (3) for fluid flow and a locking sleeve 5. Two sealing rings (6) are arranged spaced apart into a third portion (3c) of a cavity (3), and at least one support ring (7) is arranged into the third portion (3c) of the cavity (3) between the sealing rings (6). The two sealing rings (6) and the support ring (7) is limited in its possible axial movement into the third portion (3c) of the cavity (3) by a heel (8) and a fourth tapered portion (3d) of the cavity (3), wherein the sealing rings (6) are controlled to expand substantially radially in direction towards the surface of the pipe (100).

IPC 8 full level

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