

Title (en)
SCREW COMPRESSOR HAVING ROTORS MOUNTED ON ONE SIDE

Title (de)
SCHRAUBENVERDICHTER MIT EINSEITIG GELAGERTEN ROTOREN

Title (fr)
COMPRESSEUR À VIS AYANT DES ROTORS MONTÉS SUR UN CÔTÉ

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Abstract (en)
[origin: WO2021160677A1] The invention relates to a screw compressor for compressing a medium, having a drive unit (01), which has a drive (06, 07), and having a compressor unit (03), which has two intermeshing rotors (21, 22) with mutually complementary screw profiles, and a compressor housing (19) with an inlet (24) and an outlet (23). The rotors (21, 22) are coupled to the drive unit via one shaft (10, 14) each. The shafts (10, 14) are mounted only on the drive side of the rotors (21, 22). The rotors (21, 22) are mounted only on one side with respect to their axial direction and are not mounted on their side which is axially remote from the drive (06, 07). The invention also relates to a screw compressor assembly having screw compressors flow-connected in series.

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