

Title (en)
ROTOR PAIR FOR A HIGH-PRESSURE SCREW-TYPE COMPRESSOR.

Title (de)
ROTORPAAR FÜR HOCHDRUCKSCHRAUBENVERDICHTER.

Title (fr)
PAIRE DE ROTORS POUR COMPRESSEUR A VIS HAUTE PRESSION.

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Application
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Abstract (en)
[origin: WO9008261A1] A rotor pair for a high-pressure screw-type compressor comprises a main rotor and an auxiliary rotor. The main rotor has essentially convex teeth arranged outside its reference circle and the auxiliary rotor has essentially concave teeth arranged inside its reference circle. To achieve the aim of the invention, the axial distance which delimits the size of the possible bearings is increased solely by increasing the number of teeth on the auxiliary rotor.

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