

Title (en)

COUPLING INSTALLATION ON A COMPRESSOR AGGREGATE CONSISTING OF A RADIAL PISTON COMPRESSOR AND A DRIVING MOTOR

Publication

EP 0066222 B1 19850814 (DE)

Application

EP 82104477 A 19820521

Priority

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Abstract (en)

[origin: US4451211A] A coupling arrangement for coupling a radial piston compressor to an external rotor drive motor is disclosed. The rotor of the drive motor is coupled to a rotatable cylinder block by arranging a plurality of leaf springs between the cylinder block and arms projecting from the rotor. The cylinder block rotatably mounted on the motor stator shaft supports the rotor at the compressor end of the drive motor. The leaf springs prevent canting of the cylinder blocks with respect to the rotor of the drive motor due to manufacturing and alignment errors.

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