

Title (en)

ROTATING HEAT EXCHANGER AND METHOD FOR SEALING THE SAME

Title (de)

ROTATIONSWÄRMEAUSTAUSCHER UND VERFAHREN ZUR ABDICHTUNG EINES SOLCHEN

Title (fr)

ECHANGEUR THERMIQUE ROTATIF ET PROCEDE POUR RENDRE ETANCHE UN TEL ECHANGEUR THERMIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004111563A1] The invention relates to a rotating heat exchanger (1) with a rotatably mounted rotor (3), comprising a first flow sector (4), for external (5) and supply air (6) and a second flow sector (7), for exhaust (8) and venting air (9), through which the above runs on rotating and a housing (2), enclosing the rotor (3) around the circumference thereof, whereby to improve the sealing of the rotor (3), the housing (2) around the circumference thereof is filled with housing or sealing air, whereby the pressure of the housing or sealing air is higher than the pressure of the airflows (5, 6; 8, 9) flowing through the rotor (3).

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