

Title (en)  
A ROTATABLE HEAT EXCHANGER

Publication  
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Application  
**EP 88903452 A 19880411**

Priority  
SE 8701606 A 19870416

Abstract (en)  
[origin: WO8808112A1] The present invention relates to a rotary heat exchanger (10) for recovering heat or cold and/or moisture from gas flows. The heat exchanger comprises a casing (12) which incorporates gas-flow channels (16, 18). The heat exchange rotor (22) forms part of a withdrawable rotor unit (55), which also includes a frame (28) on which the rotor is journaled, a transverse wall (56) having an opening for accommodating the rotor, a rotor drive motor (40), and a cover plate (38) which is intended to cover an opening (36) in the casing (12) through which the rotor unit can be withdrawn. Arranged between the transverse wall (56) and the peripheral surface (62) of the rotor (22) is a radially directed peripheral seal (60), to which is connected within the area of the frame (28) an axial seal (82) and a diametrical seal (48) respectively.

IPC 1-7  
**F28D 19/04; F28F 9/00**

IPC 8 full level  
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IPC 8 main group level  
**F28F** (2006.01)

CPC (source: EP KR)  
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Cited by  
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**WO 8808112 A1 19881020**; AT E67844 T1 19911015; AU 1622988 A 19881104; DE 3865197 D1 19911031; DK 164305 B 19920601; DK 164305 C 19921019; DK 511289 A 19891016; DK 511289 D0 19891016; EP 0355106 A1 19900228; EP 0355106 B1 19910925; FI 894829 A0 19891012; FI 91674 B 19940415; FI 91674 C 19940725; JP H02501851 A 19900621; JP H0635919 B2 19940511; KR 890700799 A 19890427; KR 930012242 B1 19931224; NO 168914 B 19920106; NO 168914 C 19920422; NO 885517 D0 19881213; NO 885517 L 19881213; SE 456694 B 19881024; SE 8701606 D0 19870416

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