

Title (en)  
Rotating heat exchanger

Title (de)  
Rotationswärmeaustauscher

Title (fr)  
Echangeur thermique rotatif

Publication  
**EP 1832829 A3 20110622 (DE)**

Application  
**EP 07002798 A 20070209**

Priority  
DE 102006010902 A 20060309

Abstract (en)  
[origin: EP1832829A2] The device (1) has a rotor (2) that passes through different inflow (3) and outflow (4) sectors and passes at least two fluid flows that participate in the heat exchange process and a drive device (7) for rotating the rotor about a rotation axis (6). The drive device has a direct current motor in the form of a brushless electrically commutated direct current motor.

IPC 8 full level  
**F28D 19/04** (2006.01)

CPC (source: EP)  
**F28D 19/041** (2013.01); **F28D 19/048** (2013.01)

Citation (search report)

- [E] WO 2007117345 A2 20071018 - AIRXCHANGE INC [US], et al
- [XYI] DE 19641318 A1 19980514 - STOLZ OLEG [DE]
- [Y] JP H0712766 U 19950303
- [Y] WO 2005083344 A2 20050909 - WILSON TURBOPOWER INC [US], et al
- [Y] US 2004040727 A1 20040304 - MILLER JERRY EDWARD [US]
- [Y] US 2003213087 A1 20031120 - MOEIN ARMAN [US], et al
- [Y] EP 0980821 A2 20000223 - YAMAHA MOTOR CO LTD [JP]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1832829 A2 20070912; EP 1832829 A3 20110622**; DE 102006010902 A1 20070913

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**EP 07002798 A 20070209**; DE 102006010902 A 20060309