

Title (en)

VARIABLE DELIVERY ROTARY VANE PUMP

Title (de)

DREHFLÜGELPUMPE MIT VERSTELLBARER FÖRDERMENGE

Title (fr)

POMPE À PALETTES ROTATIVE À DÉBIT VARIABLE

Publication

EP 2084406 A2 20090805 (EN)

Application

EP 07825462 A 20071023

Priority

- IB 2007003172 W 20071023
- IT BO20060733 A 20061024

Abstract (en)

[origin: WO2008050212A2] A variable delivery rotary vane pump (10) comprising a hollow pump body (11), a rotor (14), an adjustable stator (13), a central ring (15) and a plurality of swinging vanes (16) hinged at the ends of the rotor (14). The cylindrical head of such vanes (16) always remains in contact with the internal surface of the stator (13) and with the external surface of the central ring (15) during the rotation of the rotor (14).

IPC 8 full level

F04C 2/44 (2006.01)

CPC (source: EP)

F04C 2/44 (2013.01); **F04C 14/223** (2013.01)

Citation (search report)

See references of WO 2008050212A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008050212 A2 20080502; WO 2008050212 A3 20080724; EP 2084406 A2 20090805; IT BO20060733 A1 20080425

DOCDB simple family (application)

IB 2007003172 W 20071023; EP 07825462 A 20071023; IT BO20060733 A 20061024