

Title (en)
VARIABLE DELIVERY VANE OIL PUMP

Title (de)
FLÜGELZELLE-ÖLPUMPE MIT VERÄNDERLICHER FÖRDERUNG

Title (fr)
POMPE A HUILE A PALETTES A DEBIT VARIABLE

Publication
EP 1812712 A1 20070801 (EN)

Application
EP 05806369 A 20051118

Priority
• IB 2005003452 W 20051118
• IT BO20040088 U 20041119

Abstract (en)
[origin: WO2006054158A1] A variable delivery vane oil pump, is provided with a stator (10) eccentrically mounted about a rotor (9), which is adapted to turn about a longitudinal axis (6) thereof, and presents a plurality of grooves (15) radially outwardly opened and slidingly engaged, each, by a respective vane (17) the vanes (17) being arranged essentially in contact with the stator (10) by interposing a singly sliding annular element (19).

IPC 8 full level
F04C 2/348 (2006.01)

CPC (source: EP US)
F01C 21/0836 (2013.01 - EP US); **F01C 21/0881** (2013.01 - EP US); **F04C 2/348** (2013.01 - EP US); **F04C 14/226** (2013.01 - EP US); **F04C 14/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2006054158A1

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

DOCDB simple family (publication)
WO 2006054158 A1 20060526; WO 2006054158 A8 20060810; CN 101087959 A 20071212; CN 101087959 B 20100526; EP 1812712 A1 20070801; EP 1812712 B1 20180110; IT BO20040088 U1 20050219; JP 2008520897 A 20080619; US 2009155113 A1 20090618

DOCDB simple family (application)
IB 2005003452 W 20051118; CN 200580039818 A 20051118; EP 05806369 A 20051118; IT BO20040088 U 20041119; JP 2007542149 A 20051118; US 71973505 A 20051118