

Title (en)
DEVICE FOR COUPLING A VACUUM PUMP WITH A CAMSHAFT COMPRISING MEANS SUPPLYING LUBRICATING FLUID

Title (de)
VORRICHTUNG ZUM VERBINDEN EINER VAKUUMPUMPE MIT EINER NOCKENWELLE EINSCHLIESSLICH DER MITTEL ZUR ZUFUHR VON SCHMIERFLÜSSIGKEIT

Title (fr)
DISPOSITIF D'ACCOUPLEMENT D'UNE POMPE A VIDE AVEC UN ARBRE A CAMES COMPRENANT DES MOYENS D'ALIMENTATION EN FLUIDE LUBRIFIANT

Publication
EP 1891305 A2 20080227 (FR)

Application
EP 06794455 A 20060524

Priority
• FR 2006050474 W 20060524
• FR 0505613 A 20050603

Abstract (en)
[origin: FR2886696A1] The device has a core housing (6) having coaxial portions (7, 9) delimiting an annular space in which an end of a camshaft is mounted, where the portion (7) is adapted to transmit an engine torque to the camshaft. The portion (9) is provided with a hole (17) extending along an axis and receiving a sampling unit of a vacuum pump (3), where the two portions are connected between them by a radial end wall (8). The sampling unit (18) is adapted to sample a lubricating fluid transported inside the camshaft, where the portions and wall are single block.

IPC 8 full level
F01L 1/46 (2006.01); **B60T 17/02** (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP KR US)
F01L 1/02 (2013.01 - EP US); **F01L 1/047** (2013.01 - EP KR US); **F01L 1/053** (2013.01 - KR); **F01L 1/46** (2013.01 - EP KR US); **F01M 9/10** (2013.01 - EP US); **F02B 67/04** (2013.01 - EP US); **F04C 29/0071** (2013.01 - EP US); **F04C 29/023** (2013.01 - EP US); **F01L 2001/0475** (2013.01 - EP US); **F01M 9/108** (2013.01 - EP US); **F02B 63/06** (2013.01 - EP US); **F04C 18/344** (2013.01 - EP US); **F04C 2220/10** (2013.01 - EP US); **Y10T 74/1836** (2015.01 - EP US)

Citation (search report)
See references of WO 2007003819A2

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)
FR 2886696 A1 20061208; FR 2886696 B1 20070831; CN 101184908 A 20080521; EP 1891305 A2 20080227; JP 2008542615 A 20081127; KR 20080014755 A 20080214; RU 2007149000 A 20090720; US 2008196522 A1 20080821; WO 2007003819 A2 20070111; WO 2007003819 A3 20070222

DOCDB simple family (application)
FR 0505613 A 20050603; CN 200680018937 A 20060524; EP 06794455 A 20060524; FR 2006050474 W 20060524; JP 2008514161 A 20060524; KR 20077024832 A 20071026; RU 2007149000 A 20060524; US 91558706 A 20060524