

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)  
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