

Title (en)  
VACUUM PUMP

Title (de)  
VAKUUMPUMPE

Title (fr)  
POMPE À VIDE

Publication  
**EP 2464871 B1 20140521 (DE)**

Application  
**EP 10732368 A 20100714**

Priority  
• DE 102009038132 A 20090812  
• EP 2010060133 W 20100714

Abstract (en)  
[origin: WO2011018294A2] The invention relates to a vacuum pump comprising a crucible-shaped housing, a rotor eccentrically mounted rotably in the housing, and a housing cover closing the crucible-shaped housing, wherein the rotor has a rotor shaft that passes through the crucible-shaped housing and by which the rotor is driven, wherein the rotor shaft is provided with a borehole for delivering a lubricant and a connection nipple is seated in the free end section of the borehole.

IPC 8 full level  
**F04C 18/344** (2006.01); **F04C 25/02** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP US)  
**F04C 25/02** (2013.01 - EP US); **F04C 29/023** (2013.01 - EP US); **F04C 18/344** (2013.01 - EP US); **F04C 29/0042** (2013.01 - EP US); **F04C 2230/60** (2013.01 - EP US); **F04C 2240/60** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102009038132 A1 20110217; DE 102009038132 B4 20151224**; CN 102472279 A 20120523; EP 2464871 A2 20120620; EP 2464871 B1 20140521; US 2012141313 A1 20120607; US 8794942 B2 20140805; WO 2011018294 A2 20110217; WO 2011018294 A3 20120223

DOCDB simple family (application)  
**DE 102009038132 A 20090812**; CN 201080035739 A 20100714; EP 10732368 A 20100714; EP 2010060133 W 20100714; US 201013389939 A 20100714