

Title (en)  
VANE-TYPE ROTARY VACUUM PUMP

Title (de)  
DREHFLÜGELVAKUUMPUMPE

Title (fr)  
POMPE À VIDE ROTATIVE À PALETTES

Publication  
**EP 2986821 B1 20201230 (FR)**

Application  
**EP 13718174 A 20130419**

Priority  
EP 2013058182 W 20130419

Abstract (en)  
[origin: WO2014169962A1] The present disclosure relates to a vane-type rotary vacuum pump comprising a drive motor (1, 17) interacting with a vane-pump vacuum chamber (2), in which pump all the pump surfaces that are visible from the top are arranged in such a way that they have no elements likely to retain liquids or solids. The drive motor (1) may in particular be an air-cooled asynchronous motor or a water-cooled asynchronous motor with a case that, with the cylinder (18), forms a space in which a cooling fluid can circulate.

IPC 8 full level  
**F01C 21/10** (2006.01); **B65B 31/02** (2006.01); **F04C 2/344** (2006.01); **F04C 13/00** (2006.01)

CPC (source: EP)  
**F01C 21/10** (2013.01); **F04C 2/344** (2013.01); **F04C 13/00** (2013.01); **F04C 2220/10** (2013.01); **F04C 2240/30** (2013.01)

Citation (examination)  
US 2010183467 A1 20100722 - SUNDHEIM GREGORY S [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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2014169962 A1 20141023**; AU 2013387156 A1 20151112; AU 2013387156 B2 20170629; BR 112015026027 A2 20170725; BR 112015026027 B1 20220927; CA 2907899 A1 20141023; CA 2907899 C 20200114; CN 105121784 A 20151202; DK 2986821 T3 20210215; EP 2986821 A1 20160224; EP 2986821 B1 20201230; ES 2854989 T3 20210923; HK 1214325 A1 20160722; JP 2016519243 A 20160630; KR 102035838 B1 20191023; KR 20160002963 A 20160108; PL 2986821 T3 20210726; PT 2986821 T 20210210; RU 2015149295 A 20170524; RU 2641409 C2 20180117; TW 201510372 A 20150316; TW I660128 B 20190521

DOCDB simple family (application)  
**EP 2013058182 W 20130419**; AU 2013387156 A 20130419; BR 112015026027 A 20130419; CA 2907899 A 20130419; CN 201380075760 A 20130419; DK 13718174 T 20130419; EP 13718174 A 20130419; ES 13718174 T 20130419; HK 16102046 A 20160224; JP 2016508021 A 20130419; KR 20157032981 A 20130419; PL 13718174 T 20130419; PT 13718174 T 20130419; RU 2015149295 A 20130419; TW 103114248 A 20140418