

Title (en)  
WING WITH AXIAL SEALING

Title (de)  
FLÜGEL MIT AXIALER ABDICHTUNG

Title (fr)  
AILE DOTÉE D'UN JOINT AXIAL

Publication  
**EP 2960511 A3 20160217 (DE)**

Application  
**EP 15170069 A 20150601**

Priority  
DE 102014107735 A 20140602

Abstract (en)  
[origin: US2015345492A1] A vane for a vane cell pump, in particular a vacuum pump, including: a vane body, wherein the vane body has an opening on at least one end-facing side facing a cover or base of a pump space of the vane cell pump; and an insert which is arranged in the opening and guided such that it can be axially moved in the opening.

IPC 8 full level  
**F04C 2/344** (2006.01)

CPC (source: EP US)  
**F01C 21/0881** (2013.01 - EP US); **F04C 2/3448** (2013.01 - US); **F04C 15/0023** (2013.01 - US); **F04C 18/344** (2013.01 - EP US); **F04C 25/02** (2013.01 - EP US); **F05C 2201/021** (2013.01 - EP US); **F05C 2225/00** (2013.01 - EP US); **F05C 2251/046** (2013.01 - EP US)

Citation (search report)

- [XII] WO 2009053012 A2 20090430 - VHIT S P A SOCIETA UNIPERSONAL [IT], et al
- [XII] WO 2007081071 A1 20070719 - MAENG HYUK-JAE [KR]
- [X] US 2011064572 A1 20110317 - MARTIN JEDD N [US], et al
- [XII] WO 2010118518 A1 20101021 - KORONA GROUP LTD [CA], et al

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2960511 A2 20151230; EP 2960511 A3 20160217**; CN 105317683 A 20160210; DE 102014107735 A1 20151203;  
DE 102014107735 B4 20180419; US 2015345492 A1 20151203

DOCDB simple family (application)  
**EP 15170069 A 20150601**; CN 201510296328 A 20150602; DE 102014107735 A 20140602; US 201514728309 A 20150602