

Title (en)  
Vacuum pump arrangement

Title (de)  
Vakuumpumpanordnung

Title (fr)  
Agencement de pompe à vide

Publication  
**EP 2149710 A3 20170315 (DE)**

Application  
**EP 09008725 A 20090703**

Priority  
DE 102008035972 A 20080731

Abstract (en)  
[origin: EP2149710A2] The arrangement has a vacuum chamber (100) and a vacuum pump (102), which has a rotatable rotor (106) arranged in a housing (104). The pump includes a flange (108) connected with the housing. A retaining element (120) is formed such that the flange is protected against the movement provided perpendicular to a flange plane by rotation of the rotor. The retaining element has a ring (122) connected with the vacuum chamber, and a stopper (124). The retaining element connects the flange and a chamber flange in a form fit manner.

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 27/02** (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 27/0292** (2013.01); **F04D 29/601** (2013.01)

Citation (search report)

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- [A] EP 1258634 A1 20021120 - BOC TECHNOLOGIES LTD [JP]

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Designated contracting state (EPC)  
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

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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