

Title (en)  
VACUUM PUMP ARRANGEMENT

Title (de)  
VAKUUM-PUMPENANORDNUNG

Title (fr)  
SYSTEME DE POMPE A VIDE

Publication  
**EP 1880111 A1 20080123 (DE)**

Application  
**EP 06754953 A 20060502**

Priority  
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Abstract (en)  
[origin: US2009068011A1] A vacuum pump arrangement, especially a turbomolecular pump arrangement, comprises a rotor (14) and a stator (16) in a pump housing (10). The pump housing (10) is connected to a vacuum chamber housing (26) through a pump flange (10). Retaining elements (34) are provided for this connection. To avoid a twisting of the retaining elements (34) in the event of a damage, such as the blocking of the rotor (14) and the high moments occurring thereby, the retaining element (34) comprises an anti-twist structure (40) cooperating with the vacuum chamber housing (26).

IPC 8 full level  
**F04D 19/04** (2006.01); **F04D 29/64** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)  
**F04D 19/042** (2013.01 - EP US); **F04D 29/601** (2013.01 - EP US)

Citation (search report)  
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