

Title (en)  
TURBOMOLECULAR PUMP

Title (de)  
TURBOMOLEKULARPUMPE

Title (fr)  
POMPE TURBOMOLÉCULAIRE

Publication  
**EP 2347134 A1 20110727 (DE)**

Application  
**EP 09751922 A 20091113**

Priority  
• EP 2009065141 W 20091113  
• DE 102008058151 A 20081120

Abstract (en)  
[origin: WO2010057834A1] A turbomolecular pump comprises a rotor element (12) disposed in a pump housing (18). The rotor element (12) is surrounded by a stator element (24). An intermediate chamber (36) is provided between the stator element (24) and the pump housing (18). An energy absorption element (44) is disposed in the intermediate chamber (36) for the purposes of absorbing energy in case of a bursting of the rotor element (12).

IPC 8 full level  
**F01D 21/04** (2006.01); **F04D 19/04** (2006.01); **F04D 29/52** (2006.01)

CPC (source: EP)  
**F04D 19/042** (2013.01); **F04D 27/008** (2013.01); **F04D 29/522** (2013.01)

Citation (search report)  
See references of WO 2010057834A1

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)  
**DE 102008058151 A1 20100527**; EP 2347134 A1 20110727; JP 2012509432 A 20120419; JP 5552127 B2 20140716; TW 201028549 A 20100801; WO 2010057834 A1 20100527

DOCDB simple family (application)  
**DE 102008058151 A 20081120**; EP 09751922 A 20091113; EP 2009065141 W 20091113; JP 2011536834 A 20091113; TW 98138049 A 20091110