

Title (en)

Method and device to prevent deposits in a turbomolecular pump having magnetic or gas bearings

Title (de)

Verfahren und Anlage zur Verhinderung von Ablagerungen in eine Turbomolekularpumpe mit Magnet-oder Gaslager

Title (fr)

Procédé et dispositif pour éviter les dépôts dans une pompe turbomoléculaire à palier magnétique ou gazeux

Publication

EP 0985828 B1 20050907 (FR)

Application

EP 99402125 A 19990826

Priority

FR 9811296 A 19980910

Abstract (en)

[origin: EP0985828A1] The deposition perturbation removal method is applied to a turbo-molecular pump having several stages (6,7,16-18;8-10,19) with magnetic paddles (13,14). The deposition perturbation is removed by injecting an active gas to a specific area which stirs up the generator molecules removing perturbations.

IPC 1-7

F04D 19/04; **F04D 29/70**

IPC 8 full level

F04D 19/04 (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP US)

F04D 19/04 (2013.01 - EP US); **F04D 29/70** (2013.01 - US); **F04D 29/701** (2013.01 - EP); **F05D 2260/607** (2013.01 - EP)

Cited by

WO2008022916A1; EP4119795A4; FR3093544A1; CN113518863A; WO2007066141A1; WO2009077777A1; WO2020178042A1

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