

Title (en)

Pump system for evacuating of gas from a plurality of chambers and method for controlling the pump system

Title (de)

Pumpensystem zur Evakuierung von Gas aus einer Mehrzahl von Kammern sowie Verfahren zur Steuerung des Pumpensystems

Title (fr)

Système de pompe destiné à évacuer du gaz depuis plusieurs compartiments ainsi que le procédé de commande du système de pompe

Publication

**EP 2644900 B1 20171227 (DE)**

Application

**EP 13156718 A 20130226**

Priority

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- DE 102012105951 A 20120704

Abstract (en)

[origin: EP2644900A2] The pumping system comprises turbomolecular pump (3,4) and two fore-vacuum pumps (5,6). A connection conduit (8) is extended between the two fore-vacuum pumps. A cross-section constriction portion (9) is provided for reducing and regulating of flow of gas. The cross-section constriction portion is formed as one of throttle orifice, throttle valve, and gas flow controller. A regular or switched valve is provided in cross-section constriction portion. An independent claim is included for method for controlling pumping system.

IPC 8 full level

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CPC (source: EP US)

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