

Title (en)

Molecular,turbo-molecular or hybrid pump with intergral valve

Title (de)

Molekular, Turbomolekular oder Hybridpumpe mit intergriertem Ventil

Title (fr)

Pompe moléculaire, turbomoléculaire ou hybride à vanne intégrée

Publication

EP 1477684 B1 20071107 (FR)

Application

EP 04291161 A 20040505

Priority

FR 0305724 A 20030513

Abstract (en)

[origin: EP1477684A1] The pump has an outlet radial orifice (23) crossing a cylindrical peripheral wall (17). An integrated isolation and control valve has a coaxial annular closure unit (24) that comes in support against the wall around a radial outlet opening. The unit is axially driven by a motor (8) to place a shutter (26) opposite to the orifice for controlling an opening of the valve and regulating a flow of gas pumped by the pump. An independent claim is also included for a gas pumping system comprising a molecular, turbo-molecular, or hybrid pump.

IPC 8 full level

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