

Title (en)

VACUUM PUMP IN PARTICULAR ROOTS TYPE PUMP

Title (de)

VAKUUUMPUMPE, INSBESONDERE WÄLKOLBENPUMPE

Title (fr)

POMPE À VIDE, NOTAMMENT POMPE DE ROOTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010009939A1] The invention relates to a vacuum pump, in particular, a Roots type pump, comprising a lobe (12) arranged in a suction chamber (10). The pressure side (30) of the pump is connected to the suction side (20) by means of a connecting channel (22). A valve (24) is arranged in the connecting channel (22), which closes a through opening (32). On exceeding a set pressure difference between the pressure side (30) and the suction side (20) the valve opens automatically. In order to reduce the necessary space and to reduce the switching noise from the valve the valve body is embodied as a flap valve (28).

IPC 8 full level

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