

Title (en)
VACUUM PUMP IN PARTICULAR ROOTS TYPE PUMP

Title (de)
VAKUUMPUMPE, INSBESONDERE WÄLZKOLBENPUMPE

Title (fr)
POMPE À VIDE, NOTAMMENT POMPE DE ROOTS

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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).

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