

Title (en)  
SINGLE-WINGED VACUUM PUMP

Title (de)  
EINFLÜGELVAKUUMPUMPE

Title (fr)  
POMPE A VIDE A UNE AILETTE

Publication  
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Application  
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Abstract (en)  
[origin: WO2006005382A1] The invention relates to a single-winged vacuum pump provided with a top-shaped housing (12), a rotor (18) which is mounted in a rotational and eccentric manner in the housing, and a wing (20) which is displacably mounted in the rotor and orthogonal on the rotational axis, and the wing points thereof (44) are placed on an inner peripheral surface (2) which defines a work chamber. One part of the inner peripheral surface (22) is pre-curved in a radial manner towards the inside in the direction of the rotor (18) or is off-set in a radial manner towards the outside away from the rotational axis (21) of the rotor (18).

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