Title (en)
   SINGLE-WINGED VACUUM PUMP

Title (de)
   EINFLÜGELVAKUUMPUMPE

Title (fr)
   POMPE A VIDE A UNE AILETTE

Publication
   **EP 1766239 A1 20070328 (DE)**

Application
   **EP 05739759 A 20050420**

Priority
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Abstract (en)
   [origin: WO2006005383A1] The invention relates to a single-winged vacuum pump provided with a pot-shaped housing (12), a rotor (18) which is mounted in a rotational and eccentric manner in the housing, a wing (20) which is displacably mounted in the rotor and which is orthogonal to the rotational axis, whereby the points of the wings are placed on the peripheral surface (22) which defines a work chamber (30) and which subdivides the work chamber into a suction chamber (40) and a pressure chamber (42), and the suction chamber is provided with an air inlet and the pressure chamber is provided with an air outlet (48). The air outlet is arranged in the peripheral surface surrounding the pressure chamber (42).

IPC 8 full level
   **F04C 18/344** (2006.01); **F04C 29/02** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP KR)
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   **F04C 29/128** (2013.01 - EP); F04C 2220/10 (2013.01 - EP)

Citation (search report)
   See references of WO 2006005383A1

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   DE FR GB

DOCDB simple family (publication)
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