

Title (en)
SINGLE WINGED VACUUM PUMP

Title (de)
EINFLÜGELVAKUUMPUMPE

Title (fr)
POMPE A VIDE A UNE AILETTE

Publication
EP 1766244 B1 20080716 (DE)

Application
EP 05740242 A 20050420

Priority
• EP 2005004214 W 20050420
• DE 102004034919 A 20040709

Abstract (en)
[origin: WO2006005385A1] The invention relates to a single-winged vacuum pump provided with a pot-shaped housing (12), a rotor (20) which is mounted in a rotational and eccentric manner in the housing, a wing (22) which is displaceably mounted in the rotor and in an orthogonal manner on the rotational axis (24), said wing subdividing a work chamber (18) into a pressure chamber (38) and into a suction chamber (36). The wing (22) also comprises at least one recess (44).

IPC 8 full level
F04C 29/02 (2006.01); **F01C 21/08** (2006.01); **F04C 18/344** (2006.01)

CPC (source: EP)
F04C 29/02 (2013.01); **F04C 18/3441** (2013.01); **F04C 2220/10** (2013.01)

Citation (examination)
DE 3532917 A1 19870326 - BARMAG BARMER MASCHF [DE]

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 102004034919 B3 20051201; DE 502005004742 D1 20080828; EP 1766244 A1 20070328; EP 1766244 B1 20080716;
WO 2006005385 A1 20060119

DOCDB simple family (application)
DE 102004034919 A 20040709; DE 502005004742 T 20050420; EP 05740242 A 20050420; EP 2005004214 W 20050420