

Title (en)
EVACUATING DEVICE

Title (de)
EVAKUIERUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE PRODUCTION DE VIDE

Publication
EP 1509701 A1 20050302 (DE)

Application
EP 03783967 A 20030516

Priority
• DE 10224604 A 20020604
• EP 0305136 W 20030516

Abstract (en)
[origin: DE10224604A1] The stator (5) has a conical bore (10) and is sealingly attached to a body (6) with an outlet (21) to a conventional atmospheric pump (3) The rotor (12) is cylindrical with vanes (13) forming a gap (16) to the stator and a drive motor is housed in a lower section (7).

IPC 1-7
F04D 19/04; **F04D 29/32**

IPC 8 full level
F04D 19/04 (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)
F04D 19/044 (2013.01 - EP US); **F04D 29/32** (2013.01 - EP US)

Citation (search report)
See references of WO 2004015272A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
DE 10224604 A1 20031218; **DE 10224604 B4 20140130**; AU 2003282471 A1 20040225; CN 100422565 C 20081001; CN 1659383 A 20050824; EP 1509701 A1 20050302; JP 2005529282 A 20050929; JP 4457008 B2 20100428; TW 200400325 A 20040101; TW I294946 B 20080321; US 2005220607 A1 20051006; US 7264439 B2 20070904; WO 2004015272 A1 20040219

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DE 10224604 A 20020604; AU 2003282471 A 20030516; CN 03812962 A 20030516; EP 0305136 W 20030516; EP 03783967 A 20030516; JP 2004526668 A 20030516; TW 92114552 A 20030529; US 51711304 A 20041203