

Title (en)  
TWO-STAGE SLIDE VANE VACUUM PUMP

Title (de)  
ZWEISTUFIGE DREHSCHIEBERVAKUUMPUMPE

Title (fr)  
POMPE A VIDE A PALETTE A DEUX ETAGES

Publication  
**EP 0711384 B1 19970514 (DE)**

Application  
**EP 94925379 A 19940722**

Priority  
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• EP 9402425 W 19940722

Abstract (en)  
[origin: WO9504221A1] The invention pertains to a slide vane vacuum pump (1) with a high vacuum stage (9, 22), with a fore-vacuum stage (8, 21), with a substantially cylindrical rotor (3) which has bearing and anchor segments (11 and 21, 22), a bearing segment (11) being situated between two anchor segments (21, 22) and the anchor segments (21, 22) having vane slots (25, 26), and with a roughly pot-shaped housing (2) which contains the pump chambers (8, 9) and whose base is designed as a bearing piece (13) with a passage (35) for the rotor drive. To provide for a simple manufacture, the invention proposes that the operation rotor (3) is of one piece, that the bearing segment (11) between the anchor segments (21, 22) is the only bearing segment and that both vane slots (25, 26) are open from their respective front ends.

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IPC 8 full level  
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CPC (source: EP KR US)  
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Cited by  
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