

Title (en)
SLIDING VANE VACUUM PUMP

Publication
EP 0264749 B1 19900509 (DE)

Application
EP 87114808 A 19871010

Priority
DE 3635493 A 19861018

Abstract (en)
[origin: EP0264749A2] 1. Vane pump in which the rotor for guiding the vanes is mounted overhung at one end, said rotor and the bearing arrangement placed at one end being made of a single piece so that the rotor and the bearing arrangement have the same external diameter, characterised in that the rotor is axially freely supported and is axially flexibly coupled with a drive shaft (3) and is at atmospheric pressure at the driving end.

IPC 1-7
F04C 18/344; F04C 27/00

IPC 8 full level
F01C 21/08 (2006.01); **F04C 18/344** (2006.01); **F04C 27/00** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)
F01C 21/08 (2013.01); **F04C 18/3441** (2013.01); **F04C 29/128** (2013.01)

Cited by
FR2869958A1; ITMI20101984A1; DE4107720A1; DE4107720C2; US6923628B1; FR2640699A1; DE19964598B4; DE19981942B4; FR2815384A1; ES2264306A1; ES2307417A1; US6743004B2; US10696280B2; WO2010031504A3; WO0233263A3

Designated contracting state (EPC)
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