

Title (en)

ROTOR FIXTURE FOR A FRICTION VACUUM PUMP

Title (de)

ROTORBEFESTIGUNG EINER REIBUNGSVAKUUMPUMPE

Title (fr)

FIXATION D'UN ROTOR SUR UNE POMPE A VIDE A FRICTION

Publication

EP 1165966 A1 20020102 (DE)

Application

EP 00903590 A 20000120

Priority

- DE 19915307 A 19990403
- EP 0000410 W 20000120

Abstract (en)

[origin: DE19915307A1] The pump (10) has a casing (2) containing a shaft (15) in bearings (16) and a rotor (4) with a central boring (21), in the region of which it is held on the shaft. There is an annular groove (26, 31) in the region of at least one of the two endfaces of the rotor, passing round the joint point between the rotor and the shaft.

IPC 1-7

F04D 29/26; **F04D 19/04**

IPC 8 full level

F04D 29/02 (2006.01); **F04D 19/04** (2006.01); **F04D 29/26** (2006.01)

CPC (source: EP US)

F04D 19/04 (2013.01 - EP US); **F04D 29/266** (2013.01 - EP US)

Citation (search report)

See references of WO 0060241A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19915307 A1 20001005; EP 1165966 A1 20020102; JP 2002541378 A 20021203; US 6599084 B1 20030729; WO 0060241 A1 20001012

DOCDB simple family (application)

DE 19915307 A 19990403; EP 0000410 W 20000120; EP 00903590 A 20000120; JP 2000609708 A 20000120; US 93787602 A 20020109