

Title (en)

DYE, SINTERED ROTOR AND SINTERING METHOD

Title (de)

MATRIZE, SINTERROTOR UND VERFAHREN ZUM SINTERN

Title (fr)

MATRICE, ROTOR FRITTÉ ET MÉTHODE DE FRITTAGE

Publication

EP 2215364 A2 20100811 (DE)

Application

EP 08849402 A 20081027

Priority

- EP 2008009052 W 20081027
- DE 102007055468 A 20071113

Abstract (en)

[origin: WO2009062592A2] The invention relates to a sintered rotor for a pump, in particular a vacuum pump, having a rotor basic body which has a sintered bearing section and a vane holding section which comprises at least one vane holding slot. The invention is characterized in that the vane holding slot is delimited by a bearing body which is integrally connected to the sintered rotor basic body and which has a further sintered bearing section.

IPC 8 full level

B22F 3/03 (2006.01); **F04C 18/344** (2006.01)

CPC (source: EP)

B22F 3/004 (2013.01); **B22F 3/03** (2013.01); **F04C 18/344** (2013.01); **B22F 2003/033** (2013.01); **F04C 2230/22** (2013.01);
F04C 2240/20 (2013.01)

Citation (search report)

See references of WO 2009062592A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009062592 A2 20090522; WO 2009062592 A3 20090820; DE 112008003014 A5 20100916; EP 2215364 A2 20100811;
EP 2215364 B1 20150708

DOCDB simple family (application)

EP 2008009052 W 20081027; DE 112008003014 T 20081027; EP 08849402 A 20081027