

Title (en)

DRY-TYPE VACUUM PUMP COMPRISING A DEVICE FOR SEALING AGAINST LUBRICATING FLUIDS, AND CENTRIFUGING ELEMENT
EQUIPPING SUCH A DEVICE

Title (de)

TROCKENE VAKUUMPUMPE MIT EINER VORRICHTUNG ZUR ABDICHTUNG GEGEN SCHMIERFLUIDE UND AN SOLCH EINER
VORRICHTUNG VORGESEHENES ZENTRIFUGATIONSELEMENT

Title (fr)

POMPE A VIDE DE TYPE SECHE COMPORTANT UN DISPOSITIF D'ETANCHEITE AUX FLUIDES LUBRIFIANTS ET ELEMENT
CENTRIFUGEUR EQUIPANT UN TEL DISPOSITIF

Publication

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Application

EP 08761080 A 20080616

Priority

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Abstract (en)

[origin: WO2009024370A1] The invention relates to a dry-type vacuum pump comprising at least one rotary shaft (11) supported by at least one lubricated bearing (5) and at least one device (9) for sealing against the lubricating fluids which can emanate from said bearing (5) so as to provide sealing in the region of the shaft passage, the sealing device (9) being mounted between the lubricated bearing (5) and a dry pumping stage (7), characterized in that said sealing device (9) comprises a centrifuging element (17) mounted securely in terms of rotation on said shaft (11) and comprising at least one through-duct (19) designed to separate the lubricating fluids from the fluid which can circulate from said bearing (5) towards the dry pumping stage (7).

IPC 8 full level

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