

Title (en)

METHOD FOR OPERATING AN OIL-TIGHT VACUUM PUMP AND OIL-TIGHT VACUUM PUMP

Title (de)

VERFAHREN ZUM BETREIBEN EINER ÖLGEDICHTETEN VAKUUMPUMPE SOWIE ÖLGEDICHTETE VAKUUMPUMPE

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UNE POMPE A VIDE A JOINT D'HUILE ET POMPE A VIDE A JOINT D'HUILE

Publication

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Application

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Abstract (en)

[origin: WO2010052060A2] In a method for operating an oil-tight vacuum pump, the total suction pressure present in a suction channel (22) of the vacuum pump is measured in a first step. In order to minimize the danger of a backflow of oil vapor into a vacuum region connected to the suction channel, the rotational speed of the vacuum pump is controlled as a function of the measured total suction pressure within a predetermined pressure range. The invention further relates to an oil-tight vacuum pump, wherein the suction channel (22) of the vacuum pump connected to the pump chamber is designed in a curved manner directly in front of an inlet (36) opening.

IPC 8 full level

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Citation (examination)

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