

Title (en)
ROTARY VACUUM PUMP

Title (de)
VAKUUM-DREHSCHIEBERPUMPE

Title (fr)
POMPE A VIDE A TIROIRS ROTATIFS

Publication
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Application
EP 06763998 A 20060630

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Abstract (en)
[origin: WO2007006666A1] The invention relates to a rotary vacuum pump that has a suction chamber (12) in a housing (10). A rotor (14) is eccentrically mounted in the suction chamber (12). Sliding vanes (18) are connected to the rotor (14). A discharge channel (30) is also connected to the suction chamber (12) and to an oil chamber (32). A valve arrangement (38) is disposed between the discharge channel (30) and the oil chamber (32), in order to prevent the medium from flowing back from the oil chamber (32) into the suction chamber (12). According to the invention, at least one compensating channel (50) is provided and is connected to the discharge channel (30) and to the oil chamber (32).

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