

Title (en)
VACUUM SIDE CHANNEL COMPRESSOR

Title (de)
VAKUUM-SEITENKANALVERDICHTER

Title (fr)
COMPRESSEUR A VIDE A CANAL LATERAL

Publication
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Application
EP 06701216 A 20060103

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Abstract (en)
[origin: WO2006077175A1] The invention relates to a vacuum side channel compressor (10) comprises a pump stator (14) and a pump rotor (12), which surround a side channel (31, 32, 33, 34). An axial bearing (22) is provided for mounting the pump rotor (12). A sealing gap (40) is formed next to the side channel between the pump stator (14) and the pump rotor (12), part of which forms a conical ring, whose imaginary conical apex (50) lies in the vicinity of the axial bearing (22).

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Citation (search report)
See references of WO 2006077175A1

Citation (examination)
• GB 2189295 A 19871021 - ARTHUR PFEIFFLER VAKUUMTECHNIK
• EP 1363027 A1 20031119 - BOC GROUP PLC [GB]

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