

Title (en)
SPIRAL VACUUM PUMP

Title (de)
SPIRALVAKUUMPUMPE

Title (fr)
POMPE A VIDE A SPIRALES

Publication
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Application
EP 97938731 A 19970916

Priority
CH 9700343 W 19970916

Abstract (en)
[origin: WO9914502A1] The invention concerns a pump with spirals comprising means (29, 19, 19A) for preserving a minimum clearance between the joints (5) arranged on the ridges of each spiralling wall (27, 28, 33, 34) and the flat wall (25, 26, 31, 32) facing it. Such an arrangement, which is made possible by the low pressure difference prevailing between the two adjacent transfer chambers (50, 51), prevents the wear of the joints, the soiling of the transfer chambers as well as overheating caused by friction between the joints.

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