

Title (en)

TURBOMOLECULAR VACUUM PUMP WITH ROWS OF ROTOR BLADES AND ROWS OF STATOR BLADES

Title (de)

TURBOMOLEKULARVAKUUMPUMPE MIT ROTORSCHAUFELREIHEN UND STATORSCHAUFELREIHEN

Title (fr)

POMPE A VIDE TURBOMOLECULAIRE COMPRENANT DES ALIGNEMENTS D'AILETTES DE ROTOR ET DES ALIGNEMENTS D'AILETTES DE STATOR

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Application

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Abstract (en)

[origin: WO0225116A1] The invention relates to a turbomolecular vacuum pump comprising rows of rotor blades (3) and rows of stator blades (4) that alternately engage with one another at varying angles of attack (  $\alpha$  ). The aim of the invention is to improve the properties of such a pump. To this end, at least a part of the blades (1 or 2) of the rows of blades (3 or 4) that are mounted on the pressure side thickens towards the rim facing the pressure side.

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