

Title (en)

FRICION VACUUM PUMP WITH PUMP SECTIONS OF DIFFERENT DESIGNS

Title (de)

REIBUNGSVAKUUMPUMPE MIT UNTERSCHIEDLICH GESTALTETEN PUMPENABSCHNITTEN

Title (fr)

POMPE A VIDE ROTATIVE A FRICTION COMPORTANT DES SECTIONS DE CONCEPTION DIFFERENTE

Publication

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Application

**EP 94913098 A 19940331**

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Abstract (en)

[origin: WO9425760A1] The invention relates to a friction vacuum pump (1) with pump sections of different designs, of which the pump section on the inlet side consists of turbomolecular pump stages (14, 15) and a further pump section of siegbahn stages (16, 17) with spiral grooves (19), whereby the active pumping surfaces of the siegbahn stages are formed by facing surfaces of a rotor disc and a stator disc (16, 17). To simplify the production of such a pump, it is proposed that the stator discs (16) have spiral grooves (19).

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