

Title (en)
PRESSURE SEAL FOR A VACUUM PUMP

Title (de)
ABDICHTUNG FÜR EINE VAKUUMPUMPE

Title (fr)
JOINT D'ETANCHEITE POUR POMPE A VIDE

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Application
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Abstract (en)
[origin: US6572351B2] The invention concerns a vacuum pump consisting in the assembly of two stator half-shells (101, 102) and two directly mounted end parts (31, 32) with an interposed single-piece continuous pressure seal (33). The pressure seal (33) comprises two annular end parts (34, 35) generally parallel to each other and connected by two side-members (36, 37) which are generally perpendicular thereto. Thus, the number of components to be assembled to produce an multistage dry vacuum pump is reduced, while providing satisfactory impermeability to outside atmosphere.

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