

Title (en)

LIQUID-RING VACUUM PUMP AND IMPELLER FOR SUCH A PUMP

Title (de)

FLÜSSIGKEITSRING-VAKUUMPUMPE UND FLÜGELRAD DAFÜR

Title (fr)

POMPE À VIDE À ANNEAU LIQUIDE ET ROUE À AUBAGE POUR UNE TELLE POMPE

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Application

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Abstract (en)

[origin: WO2013076107A2] The invention relates to a liquid-ring vacuum pump comprising a pump casing (20) and an impeller (14) that is eccentrically mounted in the pump casing (20). According to the invention, the impeller (14) is made of a material having a modulus of elasticity of less than 4000 N/mm². The invention further relates to an impeller (14) for such a pump. The disclosed impeller allows the pump to operate closer to the cavitation limit.

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