

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

Publication

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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/mm<sup>2</sup>. 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.

IPC 8 full level

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Citation (examination)

- DE 10317010 A1 20041104 - SCHMITT KREISELPUMPEN GMBH & C [DE]
- ASV STÜBBE GMBH: "Magnetgekuppelte Kreiselpumpe Typ SHM", 12 September 2011 (2011-09-12), pages 1 - 8, XP055468269, Retrieved from the Internet <URL:http://www.bayerl.at/wp-content/uploads/2014/06/SHM\_320358\_DE1.pdf> [retrieved on 20180418]

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