

Title (en)

Liquid ring gas pump with overhanging impeller

Title (de)

Flüssigkeitsringgaspumpe mit fliegend gelagertem Flügelrad

Title (fr)

Pompe à gaz à anneau liquide avec roue à aubes supportée en porte-à-faux

Publication

EP 0517277 B1 19960515 (DE)

Application

EP 92109682 A 19920609

Priority

DE 4118844 A 19910607

Abstract (en)

[origin: EP0517277A1] The invention relates to a single-stage liquid-ring gas pump with an overhung impeller (3) and a casing (7) with a suction and a discharge chamber, and suction and discharge connections on the side of the pump facing away from the drive. The continuous hub bore (13) of the impeller (3) in this arrangement is closed and sealed on the side facing away from the motor by appropriate measures, as a result of which the shaft connection can no longer be wetted by the hydraulic fluid of the pump or by the pump medium and corrosion is thus precluded. <IMAGE>

IPC 1-7

F04C 19/00; **F04C 27/00**; **F04D 29/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0945621A1; DE19727719C1; CN100414107C; DE19812976A1; DE19812976C2; CN105464979A; WO2015035625A1; WO9901668A1; US6287082B1

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