

Title (en)

DEGASSING DEVICE FOR LIQUID-FILLED CHAMBERS WITH ROTATING COMPONENTS

Title (de)

ENTGASUNGSEINRICHTUNG FÜR FLÜSSIGKEITSGEFÜLLTE RÄUME MIT ROTIERENDEN BAUTEILEN

Title (fr)

DISPOSITIF DE DÉGAZAGE POUR ESPACES REMPLIS DE LIQUIDE AVEC DES COMPOSANTS ROTATIFS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010054753A1] The present invention relates to a degassing device which is composed of a housing with a chamber with a rotating component arranged therein, in particular a shaft, a bearing arrangement and/or a shaft seal. At least one rib, which extends with a free rib end up to the rotating component so as to form an axially parallel gap, is attached in the chamber. Positioned downstream of the gap is a degassing chamber for a liquid. A jet splitter wall surface (18) for splitting up a gap jet (17) is arranged in the chamber (2) at a distance from an acceleration gap (14) and opposite the acceleration gap (14). At a lateral distance from a gap projection (B) onto the jet splitter wall surface (18), said jet splitter wall surface (18) is provided with one or more connecting openings (15) to the degassing chamber.

IPC 8 full level

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