

Title (en)

REDUCED-PRESSURE DEGASSING DEVICE FOR A LIQUID, AND METHOD FOR OPERATING SAME

Title (de)

UNTERDRUCK-ENTGASUNGSVORRICHTUNG FÜR EINE FLÜSSIGKEIT SOWIE VERFAHREN ZU DEREN BETRIEB

Title (fr)

DISPOSITIF DE DÉGAZAGE PAR DÉPRESSION D'UN LIQUIDE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER LEDIT DISPOSITIF

Publication

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Application

EP 17743300 A 20170718

Priority

- EP 16181943 A 20160729
- EP 2017068071 W 20170718

Abstract (en)

[origin: WO2018019649A1] A reduced-pressure degassing device (13) for a liquid, having a reduced-pressure degassing chamber (26) and a pressure reduction device (30) for generating a pressure below an operating pressure of the liquid that is to be degassed, in particular a vacuum, in the degassing chamber (26) has, according to the invention, a sensor (33), arranged in the reduced-pressure degassing chamber (26), for detecting a gas bubble fraction in the liquid that is to be degassed. The invention intelligently uses the degassing process in a reduced-pressure degassing device (13) to monitor and/or determine, using a sensor (33) integrated therein, the gas content or gas saturation state of a liquid. This results in a substantially reduced apparatus and cost burden as well as the space requirement in comparison to a monitoring and/or measuring device for the gas content that is separate from the degassing device.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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