

Title (en)

DEVICE FOR HEAT TRANSFER BETWEEN A LIQUID AND A GAS AND METHOD FOR OPERATING THE DEVICE

Title (de)

VORRICHTUNG ZUR WÄRMEÜBERTRAGUNG ZWISCHEN EINER FLÜSSIGKEIT UND EINEM GAS UND VERFAHREN ZUM BETRIEB DER VORRICHTUNG

Title (fr)

DISPOSITIF POUR LE TRANSFERT DE CHALEUR ENTRE UN LIQUIDE ET UN GAZ ET PROCÉDÉ POUR FAIRE FONCTIONNER LE DISPOSITIF

Publication

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Application

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Priority

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Abstract (en)

[origin: EP3034980A1] The invention relates to a device for heat transfer between a liquid and a gas, comprising: a gas inlet for providing the gas into an exchange region, a gas outlet for retrieving the gas from the exchange region, a liquid inlet connected to a reservoir for holding the liquid, wherein the reservoir is formed with an opening in an upper region of the reservoir, and wherein the reservoir is arranged at an upper end of the exchange region, an impounding basin, wherein the impounding basin is arranged below the reservoir, and wherein the impounding basin is formed with a liquid outlet, and an exchange element arranged in the exchange region, wherein an upper part of the exchange element is disposed through the opening of the reservoir such that the upper part of the exchange element is arranged at least partially inside the reservoir and such that the upper part of the exchange element is at least partially submerged in the liquid. Furthermore, a method for operating a heat transfer device is disclosed.

IPC 8 full level

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