

Title (en)

INSTALLATION UNIT FOR A DEVICE FOR TREATING A USEFUL FLUID WITH A WORKING FLUID

Title (de)

EINBAUEINRICHTUNG FÜR EINE VORRICHTUNG ZUR BEHANDLUNG EINES NUTZFLUIDS MIT EINEM ARBEITSFLUID

Title (fr)

MOYEN DE MONTAGE POUR UN DISPOSITIF DE TRAITEMENT D'UN FLUIDE UTILE À L'AIDE D'UN FLUIDE DE TRAVAIL

Publication

EP 3535539 B1 20210106 (DE)

Application

EP 17794713 A 20171107

Priority

- DE 202016106209 U 20161107
- EP 2017078431 W 20171107

Abstract (en)

[origin: WO2018083329A1] The invention relates to an installation unit for a device for treating, in particular humidifying and/or cleaning a useful fluid, in particular a gas, using a working fluid, in particular a liquid, and in particular for cooling water vapour using water spray and/or drops, comprising at least one installation body (10) having multiple layers arranged on top of one another and formed by a respective at least one pad element (12) per layer. Each pad element (12) has a thickness dimension and is bordered by a peripheral edge (20). When viewed from the side, at least one pad element (12) has a thickness gradient on the edge (20) thereof, wherein the thickness varies from a point on the edge (20) or from a region of the edge (20) to the opposite point or region of the edge (20).

IPC 8 full level

F28D 21/00 (2006.01); **F24F 6/04** (2006.01); **F24F 12/00** (2006.01); **F28D 5/02** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP)

F28D 5/02 (2013.01); **F28D 21/0014** (2013.01); **F28F 13/08** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202017106727 U1 20180103; EP 3535539 A1 20190911; EP 3535539 B1 20210106; WO 2018083329 A1 20180511

DOCDB simple family (application)

DE 202017106727 U 20171107; EP 17794713 A 20171107; EP 2017078431 W 20171107