

Title (en)

Plate heat exchanger for drying a gaseous medium

Title (de)

Plattenwärmetauscher zum Trocknen eines gasförmigen Mediums

Title (fr)

Echangeur de chaleur à plaques pour le séchage d'un fluide gazeux

Publication

EP 1522812 A3 20071121 (DE)

Application

EP 04023607 A 20041004

Priority

DE 10347880 A 20031010

Abstract (en)

[origin: EP1522812A2] Plate heat exchanger (1) comprises a stack (2) of plates (3) that are interconnected to form flow regions (4) between the plates. A flow connection (17) formed between an outlet of a gas/coolant heat exchanger (11) and a gas/gas heat exchanger (6) in the stack has an overflow component (18) for guiding the dried gas flow (9) from the outlet of the gas/coolant heat exchanger to the gas/gas heat exchanger. The overflow component is formed by a stack (20) of adjacent plates (21) that are interconnected to form overflow regions (19) between the plates. Contact regions are formed between the facing side surfaces of adjacent plates.

IPC 8 full level

F28D 9/00 (2006.01)

CPC (source: EP US)

F28D 9/00 (2013.01 - EP US); **F28D 9/0093** (2013.01 - EP US); **F28D 2021/0038** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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