

Title (en)

PLATE UNIT, GAS-TO-GAS MATTER EXCHANGER, AND BUILDING VENTILATION SYSTEM

Title (de)

PLATTENEINHEIT, GAS-GAS-STOFFTAUSCHER UND GEBÄUDELÜFTUNGSANLAGE

Title (fr)

ENSEMBLE DE PLAQUES, ÉCHANGEUR DE MATIÈRES GAZ-GAZ ET INSTALLATION DE VENTILATION DE BÂTIMENT

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Application

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Abstract (en)

[origin: WO2014094986A1] The invention relates to a plate unit (10) for a gas-to-gas matter exchanger, at least comprising at least one plate (11) having at least one channel structure (12), which forms at least one channel (13) for a fluid, wherein the at least one plate (11) is made of a plastic, and at least one selectively matter-permeable membrane (16), which is stretched out on the at least one plate (11). The invention further relates to a gas-to-gas matter exchanger, at least comprising a matter exchanger package (20) comprising a plurality of matter exchanger plate units, which are arranged in parallel and through the channels (13) of which a first fluid and a second fluid flow in alternation, wherein the matter exchanger plate units are designed as plate units (10) according to the invention, and a building ventilation system designed as a gas-to-gas matter exchanger according to the invention.

IPC 8 full level

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