

Title (en)

DEVICE FOR ENHANCING HEAT TRANSFER BETWEEN A PLATE AND A MEDIUM

Title (de)

VORRICHTUNG ZUR ERHÖHUNG DES WÄRMETAUSCHES ZWISCHEN EINER PLATTE UND EINEM MEDIUM

Title (fr)

DISPOSITIF PERMETTANT D'INTENSIFIER UN TRANSFERT DE CHALEUR ENTRE UNE PLAQUE ET UN MILIEU

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Application

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Abstract (en)

[origin: WO9619707A1] The invention provides a device for enhancing heat transfer between a heat-conducting plate (2, 4, 5), for instance forming part of a heat exchanger (1), and a medium flowing therealong, for instance a gas or a liquid, which device comprises: a plate (9, 10, 11) for placing in the medium flow such that the flow direction (50) is parallel to the principal plane of the plate, which plate bears lips (12, 13) which each have a substantially prismatic form, the principal direction of which substantially coincides with the flow direction (50), which plate (9, 10, 11) is placed relative to the heat-conducting plate such that the lips (12, 13) extend at a short distance therefrom or are in contact therewith.

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