

Title (en)

Plate for heat exchanger, heat exchanger and air cooler comprising a heat exchanger.

Title (de)

Platte für Wärmetauscher, Wärmetauscher sowie Luftkühler mit einem Wärmetauscher

Title (fr)

Plaque pour échangeur de chaleur, échangeur de chaleur et refroidisseur d'air comprenant un échangeur de chaleur

Publication

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Application

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Abstract (en)

[origin: EP2682703A1] The present invention relates to a plate (1) for a heat exchanger for heat exchange between a first and a second medium, wherein the plate has a first side (A) and an opposing second side (B), wherein said first side (A) is configured with at least one heat transferring elevation (2) and with at least one heat transfer surface (4) surrounding said elevation, wherein dimples (5; 7) are provided at either or both of the heat transferring elevation (2) and the heat transfer surface (4) to permit provision of a through-flow duct (X) for the first medium, and wherein said second side (B) is configured with at least one heat transferring depression (3) corresponding to said elevation, said depression being configured to define a part of a through-flow duct (Y) for the second medium, and with at least one bonding surface (6) corresponding to said heat transfer surface and surrounding said depression. The present invention also relates to a heat exchanger comprising a stack of the above-mentioned plates and to an air cooler comprising such a heat exchanger.

IPC 8 full level

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Cited by

EP3543626A1; DE102018002201A1; CN111735070A; US11448468B2; DE102018002201B4; EP3171115A1; JP2018534523A; AU2016357960B2; WO2017084959A1; US10907905B2

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