

Title (en)
METAL BASE PLATE MATERIAL FOR USE IN HEAT EXCHANGE PLATE

Title (de)
METALLBASISPLATTENMATERIAL ZUR VERWENDUNG IN EINER WÄRMEAUSTAUSCHPLATTE

Title (fr)
MATÉRIAU DE PLAQUE DE BASE MÉTALLIQUE DESTINÉ À ÊTRE UTILISÉ DANS UNE PLAQUE D'ÉCHANGE DE CHALEUR

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Application
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Abstract (en)
[origin: EP3696487A1] The present invention is a metal base plate material for a heat exchange plate to be built into a plate-type heat exchanger. A surface is provided with a plurality of strip-shaped first regions and a plurality of strip-shaped second regions, which are provided alternately and in parallel. The strip-shaped first regions each have a plurality of first ridges arranged substantially parallel to each other and at substantially equal intervals such that an angle of intersection with a longitudinal direction is greater than or equal to 10° and less than or equal to 25°. The strip-shaped second regions each have a plurality of second ridges arranged substantially parallel to each other and at substantially equal intervals and angled to face the plurality of the first ridges in a crosswise direction. The first regions are separated from the second regions adjacent thereto by gap regions therebetween, respectively, at substantially equal intervals. When one orientation of longitudinal directions of the first regions and the second regions is defined as a downstream direction, first ends on a downstream side of the plurality of the first ridges and second ends on a downstream side of the plurality of the second ridges are positioned differently from each other in the longitudinal directions.

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Citation (search report)
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