

Title (en)

A FIN BODY FOR A HEAT EXCHANGE TUBE

Title (de)

RIPPENKÖRPER FÜR EIN WÄRMETAUSCHERROHR

Title (fr)

CORPS D'AILETTE POUR UN TUBE D'ÉCHANGE DE CHALEUR

Publication

EP 3650799 B1 20211215 (EN)

Application

EP 18382793 A 20181107

Priority

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Abstract (en)

[origin: EP3650799A1] The present invention relates to a fin body intended for being housed inside a heat exchange tube which is one from among heat exchange tubes showing a planar configuration. The fin body is configured in the form of a plate, this plate being the one inserted into the heat exchange tube. The plate is configured from a metal sheet bent into a plurality of consecutive bends. The invention is characterized by a range of characteristic width to height ratio in the interval of 0.15-0.5, and according to more specific cases, in the lower subranges. As a result, the fin gives rise to a heat exchange tube with a higher efficiency than fins known in the state of the art without penalizing the pressure drop.

IPC 8 full level

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