

Title (en)

A HEATEXCHANGER WITH A MICROCHANNEL FIN

Title (de)

WÄRMETAUSCHER MIT MIKROKANALLAMELLE

Title (fr)

ÉCHANGEUR THERMIQUE À AILETTES À MICROCANAU

Publication

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Application

EP 11743942 A 20110809

Priority

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- US 2011047044 W 20110809

Abstract (en)

[origin: WO2012027098A2] A heat exchanger includes a plurality of tubes, each tube configured for a flow of fluid therethrough and one or more fins located between adjacent tubes of the plurality of tubes. The one or more fins are spaced by a fin pitch (FP) and are configured to improve thermal energy transfer between the plurality of tubes and ambient air. Each fin includes a fin face extending between the adjacent tubes, a substantially planar fin cap connected to the fin face secured to one or the tubes, and a fin radius (RC) connecting the fin face to the fin cap such that the fin radius is reduced to promote condensate removal from the heat exchanger.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012027098A2

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