

Title (en)

Fin for heat exchanger and heat exchanger using the fin

Title (de)

Lamelle für Wärmetauscher und Wärmetauscher mit einer solchen Lamelle

Title (fr)

Ailette pour échangeur thermique et échangeur thermique utilisant l'aillette

Publication

**EP 2236972 A3 20140305 (EN)**

Application

**EP 10003134 A 20100324**

Priority

CN 200910119662 A 20090325

Abstract (en)

[origin: EP2236972A2] The present invention discloses a fin for a heat exchanger, the fin is formed with louvers, and air, which is used as heat exchange medium, successively flows through said louvers when the heat exchanger operates. The louver gap of the louvers changes in the air flow direction, such that a louver gap at a certain portion of the louvers matches with a amount of frost formed at that portion. With the technical solution of the invention, the louver gap at a certain portion of the louvers is made to match with the amount of frost formed at that portion, such that a sufficient space is still left between adjacent louvers for the air to flow through. As a result, the wind resistance will not increase substantially to decrease the amount of air flowing through, and thus the heat exchange performance of the fin can be utilized completely.

IPC 8 full level

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CPC (source: EP US)

**F28F 1/128** (2013.01 - EP US); **F28F 19/006** (2013.01 - EP US); **F28F 2215/04** (2013.01 - EP US); **F28F 2260/02** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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