

Title (en)

Fin and heat exchanger comprising the same

Title (de)

Lamelle und Wärmetauscher umfassend eine solche Lamelle

Title (fr)

Ailette et échangeur thermique comprenant cette ailette

Publication

EP 2402699 A2 20120104 (EN)

Application

EP 11003220 A 20110416

Priority

CN 201010215928 A 20100629

Abstract (en)

A corrugated fin (4) comprises connection segments (42) each formed with a plurality of louvers (43); and substantially-circular arc segments (41) connected with the connection segments (42) alternatively in a longitudinal direction such that a plurality of corrugations are formed and the substantially-circular arc segments (41) form crests and troughs of the corrugations respectively, wherein $H_2 = \frac{H_1^2 - R^2}{2R \sin^2 \alpha}$, in which H_2 is a louver length of the louver (43), H_1 is a height of the fin (4), R is a radius of the substantially-circular arc segment (41), and α is an inclination angle of the connection segment (42).

IPC 8 full level

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CPC (source: EP US)

F28D 1/05375 (2013.01 - EP US); **F28F 1/128** (2013.01 - EP US); **F28D 2001/0266** (2013.01 - EP US)

Cited by

CN104981674A; WO2014124312A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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