

Title (en)

LAMINATED MICROCHANNEL HEAT EXCHANGERS

Title (de)

LAMINIERTE MIKROKANAL-WÄRMETAUSCHER

Title (fr)

ÉCHANGEURS DE CHALEUR À MICROCANAUUX STRATIFIÉS

Publication

**EP 3446059 A1 20190227 (EN)**

Application

**EP 17786489 A 20170418**

Priority

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- US 201715402511 A 20170110
- US 2017028183 W 20170418

Abstract (en)

[origin: WO2017184635A1] In one general aspect, a microchannel heat exchanger is disclosed. It includes a cover, a base, and thermally conductive sheets between the cover and the base that each define a series of side -by-side lanes aligned with a flow direction. The lanes each include aligned slots that define microchannel segments and are separated by cross ribs. The sheets are stacked between the base and cover so as to cause at least some of the ribs to be offset from each other and allow the microchannel segments in the same lane in adjacent sheets to communicate with each other along the flow direction to define a plurality of microchannels in the heat exchanger.

IPC 8 full level

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CPC (source: EP KR)

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