Title (en)

HEAT EXCHANGER TUBE

Title (de)

WÄRMEÜBERTRAGERROHR

Title (fr)

TUBE ÉCHANGEUR DE CHALEUR

Publication

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Application

EP 17725859 A 20170517

Priority

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Abstract (en)

[origin: WO2017207091A1] The invention relates to heat exchanger tube (1) having a longitudinal tube axis (A), a tube wall (2), an outer tube face (21) and an inner tube face (22); axially parallel or helically circumferential continuous fins (3) are formed from the tube wall on the outer tube face (21) and/or inner tube face (22), and continuous primary grooves (4) are formed between adjacent fins (3). According to the invention, the fins (3) are subdivided into periodically repeated fin sections (31) along the extension of the fins, and said fin sections (31) are subdivided into a plurality of projections (6) which have a certain height; said projections (6) are formed between primary grooves (4) by making cuts into the fins (3) at a cutting depth transversely to the extension of the fins such that fin segments are created, and by raising the fin segments in a main direction along the extension of the ribs.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2017207091A1

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