

Title (en)
HEAT EXCHANGER TUBE

Title (de)
WÄRMEÜBERTRAGERROHR

Title (fr)
TUBE D'ÉCHANGEUR DE CHALEUR

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Abstract (en)
[origin: WO2017207089A1] The invention relates to a heat exchanger tube (1) having a tube longitudinal axis (A), wherein fins (3) extend continuously from the tube wall (2) on the tube outer face (21) and/or the tube inner face (22), or extend axially parallel thereto or in the form of a helix. Continuously extending primary grooves (4) are formed between adjacent fins (3), said fins (3) have at least one structured area on the tube outer face and/or tube inner face, and the structured area has a plurality of projections (6) of a projection height (h) projecting from the surface, the projections (6) being separated by notches (7). According to the invention, a plurality of projections (6) are deformed relative one another in pairs to such an extent that cavities (10) are formed between adjacent projections. Furthermore, according to the invention, a plurality of projections are deformed in the direction of the tube wall such that cavities are formed between a respective projection and the tube wall.

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