

Title (en)

ARROWHEAD FIN FOR HEAT EXCHANGE TUBING

Title (de)

PFEILSPITZENRIPPE FÜR EINE WÄRMEAUSTAUSCHROHRLEITUNG

Title (fr)

AILETTE À FORME DE POINTE DE FLÈCHE POUR TUBULURE D'ÉCHANGE DE CHALEUR

Publication

**EP 3411649 B1 20211013 (EN)**

Application

**EP 17748341 A 20170206**

Priority

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- US 2017016689 W 20170206

Abstract (en)

[origin: CN108603731A] A new heat exchange tube fin design in which a plurality of arrowhead shapes are pressed into or embossed onto each fin, the arrowhead shape defined by two intersecting wedge sections. The pressed arrowhead shapes are grouped into nested pairs, and one of the arrowheads in a pair is pressed as a positive relative to the fin plane and the other of the pair is pressed as a negative relative to the fin plane. The arrowhead pairs are placed in rows parallel to the air flow direction and arrowhead pairs in one row are preferably staggered relative to the arrowhead pairs in the adjacent row along the fin in the air flow direction.

IPC 8 full level

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