

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR

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Application
EP 16745757 A 20160802

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Abstract (en)
[origin: WO2017021416A1] The invention relates to a heat exchanger (1), comprising tubes (2) and corrugated fins (3) arranged therebetween, which corrugated fins have straight flanks (4) and have corrugation peaks (7) and corrugation troughs (6) each having a curve (5). It is essential to the invention that the curve (5) of a corrugation peak (6) has a curved first segment (9) and a linear second segment (10), wherein the second segment (10) is twice as long as the first segment (9), and the first segment (9) and the second segment (10) have an opposite slope of 0.1 to 0.5%; or that the curve (5) of a corrugation peak (6) has a curved first segment (9) and an equally long second segment (10) curved in the same direction, wherein, in the case of unloaded corrugated fins (3), a tolerance distance a remains between two adjacent corrugation peaks (6), which tolerance distance a is dimensioned in such a way that the tolerance distance a goes to zero in the state of installation in the heat exchanger (1) and the corrugation peaks (6) thus lie in contact with each other.

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Citation (search report)
See references of WO 2017021416A1

Cited by
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