

Title (en)
FINNED TUBE HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER MIT GERIPPTE RÖHREN

Title (fr)
ÉCHANGEUR DE CHALEUR À TUBE À AILETTES

Publication
EP 2767790 A4 20150527 (EN)

Application
EP 12839875 A 20121012

Priority
• JP 2011227334 A 20111014
• JP 2012006562 W 20121012

Abstract (en)
[origin: EP2767790A1] A fin tube heat exchanger (100) includes a plurality of fins (31) arranged in parallel and a heat transfer tube (21) configured to allow a medium to flow through the heat transfer tube to exchange heat with air. Each of the fins (31) is a corrugated fin formed to have a peak portion (34) at at least one position in an air flow direction, and has a tube surrounding portion (35 or 37) formed around the heat transfer tube (21), a first inclined portion (38) inclined with respect to the air flow direction to form the peak portion (34), a second inclined portion (39) connecting the tube surrounding portion (35) and the first inclined portion (38) to each other, and a slit (23) formed in the second inclined portion (39).

IPC 8 full level
F28F 1/32 (2006.01)

CPC (source: EP)
F28F 1/325 (2013.01); **F28F 17/005** (2013.01); **F28F 2265/06** (2013.01); **F28F 2265/22** (2013.01)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2013054540A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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