

Title (en)
SERPENTINE HEAT EXCHANGER

Title (de)
ROHRSCHLANGENWÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR EN SERPENTIN

Publication
EP 2722628 A4 20150603 (EN)

Application
EP 12800204 A 20120521

Priority
• JP 2011135178 A 20110617
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Abstract (en)
[origin: EP2722628A1] A serpentine heat exchanger includes a tube formed by bonding two press-molded tube sheets and folded back in a serpentine shape, and a corrugated fin arranged in a space enclosed by the tube that is folded-back. An inside of a folded-back portion of the tube includes a plurality of protrusions at a distance from one another, the protrusions protruding from one tube sheet and contacting the other tube sheet.

IPC 8 full level
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CPC (source: EP US)
F28D 1/0308 (2013.01 - EP US); **F28D 1/0358** (2013.01 - EP US); **F28D 1/0478** (2013.01 - EP US); **F28F 1/10** (2013.01 - US); **F28F 1/126** (2013.01 - EP US); **F28F 1/426** (2013.01 - EP US); **F28F 3/044** (2013.01 - EP US); **F28F 2225/04** (2013.01 - EP US); **F28F 2275/122** (2013.01 - EP US)

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• [X] JP S5730582 U 19820217
• [X] JP S5970180 U 19840512
• [I] JP S5959688 U 19840418
• [X] JP S4950857 U 19740504
• See references of WO 2012172928A1

Designated contracting state (EPC)
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