

Title (en)
Folded flat tube with multiple cavities

Title (de)
Gefalztes Mehrkammerflachrohr

Title (fr)
Tube plat plié à cavités multiples

Publication
EP 1253391 B1 20060628 (DE)

Application
EP 02006243 A 20020320

Priority
DE 10121001 A 20010428

Abstract (en)
[origin: EP1253391A1] The flat tube (1) is made from a sheet (2) and has folded webs (3-5) and a longitudinal seam (6). There are breakthroughs (12) in the webs to improve heat transfer and to create a transverse flow. The breakthroughs should preferably be stamped from the sheet before folding and brought under cover after the folding process.

IPC 8 full level
F28D 1/03 (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP US)
F28D 1/0391 (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **Y10T 29/49391** (2015.01 - EP US)

Citation (examination)
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Cited by
EP1939571A3; CN111527368A; WO2009106573A1

Designated contracting state (EPC)
AT DE ES FR

DOCDB simple family (publication)
EP 1253391 A1 20021030; EP 1253391 B1 20060628; AT E331927 T1 20060715; DE 10212300 A1 20021114; DE 50207354 D1 20060810; ES 2266331 T3 20070301; US 2002174979 A1 20021128; US 6622785 B2 20030923

DOCDB simple family (application)
EP 02006243 A 20020320; AT 02006243 T 20020320; DE 10212300 A 20020320; DE 50207354 T 20020320; ES 02006243 T 20020320; US 13238302 A 20020426