

Title (en)
HEAT EXCHANGER COMPRISING A FRACTAL PIPE STRUCTURE

Title (de)
WÄRMETAUSCHER MIT FRAKTALER LEITUNGSSTRUKTUR

Title (fr)
ÉCHANGEUR DE CHALEUR À STRUCTURE DE CONDUITES FRACTALE

Publication
EP 2238401 A1 20101013 (DE)

Application
EP 09706056 A 20090114

Priority

- EP 2009050384 W 20090114
- DE 102008006513 A 20080129

Abstract (en)
[origin: WO2009095305A1] Disclosed is a heat exchanger (11) comprising a two-dimensional branched pipe structure for a heat transfer fluid. The branched pipe structure has a plurality of branching points and junction points (15, 17, 19) between an inlet connection (12) and an outlet connection (13). The junction points (19) are all arranged in an external edge region (27) of the pipe structure and are connected via a collecting pipe (14) that extends within the edge region (27).

IPC 8 full level
F28F 3/12 (2006.01); **F25B 39/02** (2006.01)

CPC (source: EP)
F25B 39/024 (2013.01); **F28F 3/12** (2013.01); **F28D 2021/0071** (2013.01); **F28F 2210/02** (2013.01)

Citation (search report)
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