

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)  
See references of WO 2009095305A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 102008006513 A1 20090730**; CN 101932899 A 20101229; EP 2238401 A1 20101013; RU 2010134817 A 20120310; WO 2009095305 A1 20090806

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