

Title (en)
Plate-like heat exchanger

Title (de)
Plattenwärmetauscher

Title (fr)
Echangeur de chaleur à plaques

Publication
EP 1091185 A3 20030604 (DE)

Application
EP 00119864 A 20000913

Priority
DE 19948222 A 19991007

Abstract (en)
[origin: EP1091185A2] The heat exchanger has superimposed heat transfer plates (2), each having a herringbone pattern structure (10). Primary side flow channels for a first heat exchange medium, especially one to be evaporated, and a second heat exchange medium, especially a heat transfer medium, are arranged between the plates. The flow channels are formed between two adjacent heat transfer plates, whose structures at least partly mesh to reduce the spacing to a minimum.

IPC 1-7
F28D 9/00; **F28F 3/04**

IPC 8 full level
F28D 9/00 (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP US)
F28D 9/005 (2013.01 - EP US); **F28F 3/042** (2013.01 - EP US); **F28D 2021/0064** (2013.01 - EP US); **Y10T 29/49366** (2015.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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