

Title (en)
Heat exchanger

Title (de)
Wärmeaustauscher

Title (fr)
Echangeur de chaleur

Publication
EP 1580510 A1 20050928 (DE)

Application
EP 04006845 A 20040322

Priority
EP 04006845 A 20040322

Abstract (en)
The exchanger (11) has pipes fixed to two front-sided pipe plates (13), for passage of different media. The pipes run side by side, are separated from one another and connected on their heat conductive outer side. Heat dissipating plates (15) are made of metal and parallel to one another. The plates (15) are attached, soldered, pressed or welded along a longitudinal axis of the pipes, and arranged in regular spacing with one another. An independent claim is also included for a use of heat exchanger.

Abstract (de)
Die Erfindung betrifft einen Wärmeaustauscher zum Wärmeaustausch zwischen verschiedenen Medien. Der Wärmeaustauscher (11) besitzt mehrere Rohre (17,19) zum Führen der Medien, wobei die Rohre (17,19) in mehrere Gruppen für jeweils eines der verschiedenen Medien unterteilt sind. Die Rohre der verschiedenen Gruppen verlaufen separat voneinander nebeneinander und sind an ihren Außenseiten wärmeleitfähig miteinander verbunden.

IPC 1-7
F28D 7/00; **F28D 1/047**; **F28D 1/04**

IPC 8 full level
F28D 1/04 (2006.01); **F28D 1/047** (2006.01); **F28D 7/00** (2006.01); **F28F 1/32** (2006.01)

CPC (source: EP)
F28D 1/0477 (2013.01); **F28D 7/0016** (2013.01); **F28F 1/32** (2013.01); **F28F 2265/16** (2013.01)

Citation (search report)

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- [X] US 3253651 A 19660531 - LARSON ARTHUR G
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- [A] DE 3841180 C1 19900412
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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