

Title (en)
Heat exchanger, more particularly for gases and liquids

Title (de)
Wärmetauscher, insbesondere für Gase und Flüssigkeiten

Title (fr)
Echangeur de chaleur, en particulier pour gaz et liquides

Publication
EP 0992756 A3 20001213 (DE)

Application
EP 99119392 A 19990929

Priority
DE 19846518 A 19981009

Abstract (en)
[origin: EP0992756A2] The heat exchanger plate (1) are so connected that they enclose collection and distribution spaces (4) for one of the media and its horizontal flow channels (5). In the collection space (6) issue flow channels for the second medium. The shell-shaped plates are stacked and identically brought together and enclose the flow channels for the second medium. The plates have an all-round molding (8) which has at least one inlet and one outlet aperture (3) for the one medium. The one molding of one plate is connected with that of the next plate. It is possible for two types of heat exchanger plates to be used and for the collection space (4) on one side (12) and the distributor space to be arranged on the opposite side of the heat exchanger.

IPC 1-7
F28D 9/00

IPC 8 full level
F28F 3/08 (2006.01); **F28D 9/00** (2006.01); **F28F 3/04** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F28D 9/0043 (2013.01 - EP US); **F28F 3/042** (2013.01 - EP US); **F28D 21/0003** (2013.01 - EP US); **F28D 2021/0082** (2013.01 - EP US); **F28F 9/0221** (2013.01 - EP US); **F28F 2250/104** (2013.01 - EP US)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 015, no. 039 (M - 1075) 30 January 1991 (1991-01-30)

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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

DOCDB simple family (publication)
EP 0992756 A2 20000412; EP 0992756 A3 20001213; EP 0992756 B1 20021127; AT E228639 T1 20021215; DE 19846518 A1 20000413; DE 19846518 B4 20070920; DE 59903529 D1 20030109; ES 2188080 T3 20030616; JP 2000121278 A 20000428; US 6250380 B1 20010626

DOCDB simple family (application)
EP 99119392 A 19990929; AT 99119392 T 19990929; DE 19846518 A 19981009; DE 59903529 T 19990929; ES 99119392 T 19990929; JP 28850699 A 19991008; US 41541599 A 19991008