

Title (en)

Heat exchanger with finned tubes cores and horizontal partitions for heat exchange between gaseous or liquid media

Title (de)

Lamellenrohr-Wärmeaustauscher in Blockbauweise zur Wärmeübertragung zwischen gas-, dampfförmigen oder flüssigen Medien mit horizontalen Trennflächen

Title (fr)

Echangeur de chaleur avec modules de tubes à ailettes et partitions horizontales, pour échange de chaleur entre fluides gazeux ou liquides

Publication

EP 0838649 A3 19990120 (DE)

Application

EP 97118605 A 19971027

Priority

DE 19644674 A 19961028

Abstract (en)

[origin: EP0838649A2] The heat exchanger block comprises one or more production modules (1-12) inside which are one or more continuous horizontal separating surfaces (13). Continuous flow ducts extend between the inlet and outlet. The separating surfaces are incorporated when the production modules are assembled, or the discs have bevelled, ridged or outward-bulges or a combination of these. The height between the separating surfaces amounts to one to eight pipes.

IPC 1-7

F28F 1/32; **F28F 9/26**; **F28D 7/08**

IPC 8 full level

F28D 7/08 (2006.01); **F28F 1/32** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP)

F28D 7/08 (2013.01); **F28D 7/085** (2013.01); **F28F 1/32** (2013.01); **F28F 9/26** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 207 (M - 500) 19 July 1986 (1986-07-19)

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0838649 A2 19980429; **EP 0838649 A3 19990120**; **EP 0838649 B1 20030312**; AT E234451 T1 20030315; DE 19644674 A1 19980430; DE 59709478 D1 20030417; DK 0838649 T3 20030714; ES 2195067 T3 20031201

DOCDB simple family (application)

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