

Title (en)
Tubular heat exchange core

Title (de)
Rohrblock-Wärmeübertrager

Title (fr)
Bloc d'échange de chaleur tubulaire

Publication
EP 0826941 A3 19990616 (DE)

Application
EP 97113381 A 19970802

Priority
DE 19635457 A 19960831

Abstract (en)
[origin: EP0826941A2] The heat exchanger has a pipe block that comprises a number of pipes (1) which are arranged next to each other with intermediate spacings. The pipes are flat at their end areas and between those ends, rigidly held spacers (5,5a-b) are provided with a connecting channel along each cross side of the pipe block. The pipes are sealed at their ends and have a cross aperture which is connected to cross apertures of the spacers. In the space (2) formed between two adjacent pipes a pair of partition spacers (5a-b) is held and these spacers are not apertured, thus partitioning the connecting channel into two parts and separating the flow so as to form pipe block sections where more than one fluid mediums can flow.

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F28D 1/03

IPC 8 full level
F28D 1/03 (2006.01); **F28D 1/053** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
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Citation (search report)
• [A] DE 3810131 C1 19890706
• [A] US 4274482 A 19810623 - SONODA NORIAKI
• [A] DE 3824074 A1 19900118 - LAENGERER & REICH KUEHLER [DE]
• [A] DE 4401859 A1 19950727 - KLOECKNER HUMBOLDT DEUTZ AG [DE]

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EP0961095A3; FR2859779A1; FR2813663A1; EP1712864A1; FR2834336A1; WO03056268A1

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