

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 0704666 A1 19960403 (EN)

Application
EP 95115309 A 19950928

Priority
JP 25953394 A 19940929

Abstract (en)
In order to provide a heat exchanger with which it is possible to set a plurality of variations in the length of the tube elements (1) and that can be manufactured with relative ease and at low cost, the present invention is a heat exchanger in which a heat exchanger core (3) is constituted by laminating a plurality of tube elements (1) in each of which, the shape of the tube cross section from an intake/outlet portion, which is constituted with intake/outlet ports, to the vicinity of a flow path U-turn area, is consistent. The heat exchanger is assembled with the intake/outlet portion of each tube element of the heat exchanger core inserted into a separately provided tank. A partitioning plate partitions the inside of the tank and is formed with tube fitting notches that fit on to a tube partitioning portion, at approximately the center of the intake/outlet portion of each tube element.
<IMAGE>

IPC 1-7
F28D 1/03; **F28F 9/02**

IPC 8 full level
F28D 1/03 (2006.01); **F28F 9/02** (2006.01); **F28F 9/18** (2006.01)

CPC (source: EP KR)
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Citation (applicant)
JP H051896 A 19930108 - ZEXEL CORP

Citation (search report)
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• [XA] EP 0113003 A1 19840711 - SUEDEDEUTSCHE KUEHLER BEHR [DE]
• [A] DE 4307504 C1 19940922 - MTU FRIEDRICHSHAFEN GMBH [DE]

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