

Title (en)
PROFILED TUBE HEAT EXCHANGER

Publication
EP 0134012 B1 19870520 (DE)

Application
EP 84109338 A 19840807

Priority
DE 3329202 A 19830812

Abstract (en)
[origin: US4577684A] A heat exchanger comprising a field of profiled tubes arranged in vertical columns and horizontal rows, each profiled tube being of oblong shape and, at least in part, surrounded by at least two supporting profile strips extending in the direction of fluid flow. The profiled strips of adjacent profiled tubes in a column are held at their ends in a well-defined position. Furthermore, the profile strips can rest directly or indirectly on other profile strips, adjacent thereto at the left or right, of adjacent profiled tubes. In this way, individual profiled tubes are longitudinally displaceable in an exact field arrangement and can compensate for changes in length.

IPC 1-7
F28F 9/00; **F28F 1/02**

IPC 8 full level
F28F 1/02 (2006.01); **F28F 9/00** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP US)
F28F 1/022 (2013.01 - EP US); **F28F 9/0132** (2013.01 - EP US); **Y10S 165/454** (2013.01 - EP US)

Citation (examination)
GB 2043231 A 19801001 - MTU MUENCHEN GMBH [DE]

Cited by
EP0199321A1; EP0633435A1; US7506684B2; WO2008156845A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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