

Title (en)

Plate heat exchanger, especially oil cooler

Title (de)

Plattenwärmetauscher, insbesondere Öl/Kühlmittel-Kühler

Title (fr)

Echangeur de chaleur à plaques, en particulier refroidisseur d'huile

Publication

EP 0623798 B2 20091118 (DE)

Application

EP 94107014 A 19940504

Priority

DE 4314808 A 19930505

Abstract (en)

[origin: EP0623798A2] The invention relates to a plate heat exchanger, especially an oil/coolant cooler having trough-shaped heat exchanger plates which are stacked one above the other and whose circumferential rims bear against one another and are sealingly soldered to one another. All the heat exchanger plates are of the same shape. As a result of using specially designed shapes in which turbulence-generating elevations or sealing stampings are worked into the heat exchanger plates, the number of inserts (internals), e.g. turbulence inlays or sealing washers, is reduced further. <IMAGE>

IPC 8 full level

F28D 9/00 (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP)

F28D 9/005 (2013.01); **F28F 3/044** (2013.01); **F28D 2021/0089** (2013.01)

Citation (opposition)

Opponent :

- DE 9309741 U1 19930826 - MANN & HUMMEL FILTER [DE]
- EP 0273462 B1 19911218
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DOCDB simple family (publication)

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DOCDB simple family (application)

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