

Title (en)

Laminated heat exchanger used more particularly as oil cooler

Title (de)

Lamellenwärmetauscher, insbesondere als Ölkühler benutzt

Title (fr)

Echangeur de chaleur à lames utile notamment comme refroidisseur d'huile

Publication

EP 0647822 B1 19980715 (FR)

Application

EP 94202948 A 19941007

Priority

FR 9312133 A 19931012

Abstract (en)

[origin: EP0647822A1] The invention relates to a plate heat exchanger for exchanging heat between a first fluid and a second fluid. It comprises a casing (12) provided with an inlet tube (26) and an outlet tube for the second fluid, a stack of pannels arranged in pairs and alternately inside the casing about a central axis (32) along a stacking direction XX, each pair of plates comprising a first plate (30-1) and a second plate (30-2) which are respectively provided with a first inner cylindrical collar (34-1) and a second inner cylindrical collar (34-2) which surround the central tube (32) and extend parallel to the stacking direction while mutually overlapping. Application in particular to cooling the lubrication oil of a motor vehicle engine.
<IMAGE>

IPC 1-7

F28D 9/00

IPC 8 full level

F28D 9/00 (2006.01)

CPC (source: EP KR US)

F28D 9/0012 (2013.01 - EP KR US); **F28F 2230/00** (2013.01 - KR); **Y10S 165/916** (2013.01 - EP KR US)

Cited by

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DE ES IT

DOCDB simple family (publication)

EP 0647822 A1 19950412; **EP 0647822 B1 19980715**; BR 9404068 A 19950613; DE 69411656 D1 19980820; DE 69411656 T2 19981105; ES 2119067 T3 19981001; FR 2711234 A1 19950421; FR 2711234 B1 19951124; KR 950012023 A 19950516; US 5588485 A 19961231

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