

Title (en)

Heat exchanger used more particularly as oil cooler

Title (de)

Wärmetauscher, insbesondere als Ölkühler benutzt

Title (fr)

Echangeur de chaleur utilisable notamment comme radiateur d'huile

Publication

EP 0647824 B1 19970709 (FR)

Application

EP 94202947 A 19941007

Priority

FR 9312078 A 19931011

Abstract (en)

[origin: EP0647824A1] The invention relates to a heat exchanger. This exchanger comprises a multiplicity of flat tubes (10), arranged in a stack and each formed by two opposite elongate plates (12), a multiplicity of corrugated fins (26) interposed between the flat tubes, an elongate cross-piece (28) applied against a plate (12) located at one end of the stack, provided with two passages (34, 36) communicating with the flat tubes, and having an expansion-compensaton plate bend (32), as well as two right-angled flanges (42, 44), solidly attached to the cross-piece and bearing against the plate located at the other end of the stack. Application in particular to oil cooling radiators for motor vehicles. <IMAGE>

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F28F 9/00

IPC 8 full level

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CPC (source: EP)

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Cited by

CN100462660C; US6736193B2; US2013092360A1; US9797663B2

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EP 0647824 A1 19950412; **EP 0647824 B1 19970709**; DE 69404108 D1 19970814; DE 69404108 T2 19971030; ES 2104264 T3 19971001; FR 2711235 A1 19950421; FR 2711235 B1 19960119

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