Title (en)

METHOD OF CRIMPING A HEAT EXCHANGER END PLATE ONTO A HEADER BOX

Publication

EP 0145574 B1 19870930 (FR)

Application

EP 84402394 A 19841123

Priority

FR 8319757 A 19831209

Abstract (en)

[origin: ES8603646A1] The rising edge (9) of the collector plate (5) is stiffened and extends in the assembled state above the rim (4) of the water box (1). The stiffened edge is partially turned over the water box rim. - A line of least resistance (11) is made in the collector plate peripheral edge by a series of aligned holes (10). The collector plate top, above the line of least resistance, is stiffened by forming undulations in it that project outwards and define between them vertically extending segments (13).
[origin: ES8603646A1] The rising edge (9) of the collector plate (5) is stiffened and extends in the assembled state above the rim (4) of the water box (1). The stiffened edge is partially turned over the water box rim. - A line of least resistance (11) is made in the collector plate peripheral edge by a series of aligned holes (10). The collector plate top, above the line of least resistance, is stiffened by forming undulations in it that project outwards and define between them vertically extending segments (13).

IPC 1-7

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IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP US)

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Cited by

US5944095A; EP0838652A3; DE3732964A1; US4881595A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0145574 A2 19850619; **EP 0145574 A3 19850724**; **EP 0145574 B1 19870930**; BR 8406274 A 19851001; CA 1236087 A 19880503; DE 145574 T1 19851107; DE 3466592 D1 19871105; ES 538332 A0 19860101; ES 8603646 A1 19860101; FR 2556461 A1 19850614; FR 2556461 B1 19880826; US 4649628 A 19870317

DOCDB simple family (application)

EP 84402394 A 19841123; BR 8406274 A 19841207; CA 469604 A 19841207; DE 3466592 T 19841123; DE 84402394 T 19841123; ES 538332 A 19841206; FR 8319757 A 19831209; US 67587284 A 19841128