

Title (en)

Heat exchanger, particularly evaporator, and method of manufacturing same.

Title (de)

Wärmetauscher, insbesondere Verdampfer und Verfahren zu seiner Herstellung.

Title (fr)

Echangeur de chaleur, notamment évaporateur et méthode pour la fabrication de celui-ci.

Publication

EP 0222176 A1 19870520 (EN)

Application

EP 86114077 A 19861010

Priority

IT 1260085 A 19851115

Abstract (en)

The object of the invention is a heat exchanger and particularly an evaporator for refrigerating circuits, which consists of an aluminum or aluminized-steel plate (2) on which one or more aluminized-steel pipes (1) are fixed by brazing or welding. Moreover, according to the invention, to make the said heat exchanger or evaporator, the pipe or pipes (1) are pressed against the plate into direct contact therewith if welding, or with the interposition of any suitable brazing material (3), particularly an Al Si Mg alloy, if brazing, and the assembly is heated while keeping the said pressure thereon, in a controlled atmosphere furnace or in a vacuum furnace.

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CPC (source: EP)

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Citation (search report)

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- [A] US 4146163 A 19790327 - ANDERSON WILLIAM A, et al

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