

Title (en)
A PLATE HEAT EXCHANGER.

Title (de)
PLATTENWÄRMEAUSTAUSCHER.

Title (fr)
ECHANGEUR THERMIQUE A PLAQUES.

Publication
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Application
EP 86902549 A 19860326

Priority
SE 8501599 A 19850401

Abstract (en)
[origin: WO8605866A1] Method for executing the attachment of an inlet or outlet sleeve coupling (3, 4, 5, 6) to a supporting plate (11) of a plate heat exchanger (1). A characteristic feature of the invention is the fact that the aforementioned sleeve coupling (3, 4, 5, 6), on the side which it is intended to attach to the supporting plate (11a), is first provided with a section of thinner wall thickness than the rest of the sleeve coupling. This section is introduced into the cut-out (12) intended for the sleeve coupling arranged in the supporting plate (11a). The outer end of the aforementioned section is then formed around the edge of the cut-out (12) so as to produce a flange (14). A first fixing is achieved in this way. The sleeve coupling is then soldered in a previously disclosed fashion in conjunction with the soldering of the assembled heat exchanger (1).

Abstract (fr)
Echangeur thermique à plaques (1) comprenant un certain nombre de plaques essentiellement rectangulaires (2a, 2b, 2c, 2d). Les plaques situées à l'extérieur (11) sont des plaques de support, l'une desquelles présente des découpes (12) pour la fixation de raccords de chemise d'admission et de sortie (3, 4, 5, 6). L'invention se caractérise par le fait que lesdites plaques (11) présentent un certain nombre de plis (13) en travers de chaque plaque. Lorsque la plaque (11a) est pourvue de découpes, les plis (13) sont formés entre les découpes.

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Cited by
DE10021481A1; DE19517174C1; DE4314808A1; DE4314808C2; DE19750748A1; DE19750748C2; EP4056941A4; US6182746B1; EP1152204A2; US6530425B2

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