

Title (en)
PROCESS OF ASSEMBLING A MODULAR EXCHANGER

Title (de)
VERFAHREN ZUM ZUSAMMENBAUEN EINES MODULAREN WÄRMETAUSCHER

Title (fr)
PROCÉDÉ D'ASSEMBLAGE D'UN ÉCHANGEUR DE CHALEUR MODULAIRE

Publication
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Application
EP 15176465 A 20150713

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Abstract (en)
The present invention relates to an assembly process of a heat exchanger (6) for household appliances (1). The process comprises the steps of providing a plurality of thermal exchange sheets (30) having longitudinal edges (50), opposite to each other, and transversal edges (60), also opposite to each other and transversally placed to the longitudinal edges (50), providing a plurality of beams (40) and engaging one or more pairs of beams (40) at longitudinal edges (50) of overlapped thermal exchange sheets (30) and one or more pairs of beams (40) with transversal edges (60) of overlapped thermal exchange sheets (30), defining a plurality of fluid passages oriented in a first direction and a plurality of fluid passages oriented in a second direction transversal to the first direction.

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Citation (search report)
• [A] US 2003093900 A1 20030522 - HUGUET FRANCOIS REGIS [FR], et al
• [A] US 2959401 A 19601108 - BURTON JAMES C
• [A] US 5072790 A 19911217 - LAPOWSKY ANDREW [CA]
• [A] EP 0117565 A2 19840905 - BERNER INT CO LTD [JP]
• [A] EP 1364740 A1 20031126 - BRAZING CO LTD [JP], et al

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