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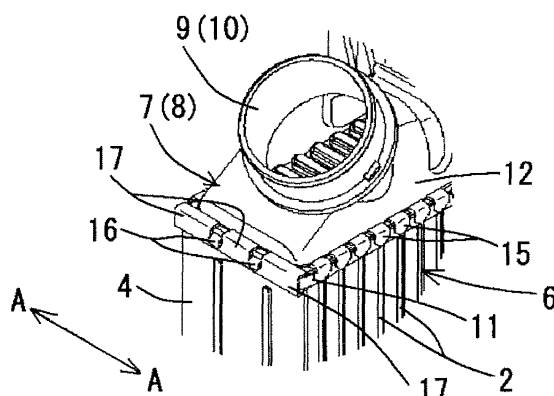
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(54) **Heat Exchanger**

(57) A heat exchanger (1) includes a tank (7, 8) having a seat plate (11) inserted with tubes (2) and a tank forming member (12) connected to the seat plate (11), and a side plate (4), wherein first claws (15) caulked to the tank forming member (12) and second claws (16) caulked to the side plate (4) are provided on an outer edge portion of the seat plate (11), and third claws (17)

caulked to the seat plate (11) and the tank forming member (12) are provided on the side plate (4). In the heat exchanger (1), while the processing ability of the seat plate (11) and the side plate (4) can be improved, the connecting strength between the seat plate (11) and the tank forming member (12) can be effectively increased, and ultimately, the pressure resistance and the sealability of the tank (7, 8) can be increased.

**FIG. 2**





European Patent  
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# EUROPEAN SEARCH REPORT

Application Number  
EP 06 11 3403

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 06 11 3403

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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