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(11) **EP 0 872 698 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
04.08.1999 Bulletin 1999/31

(51) Int Cl.⁶: **F28D 1/03, F28F 9/04**

(43) Date of publication A2:
21.10.1998 Bulletin 1998/43

(21) Application number: **98302413.4**

(22) Date of filing: **30.03.1998**

(84) Designated Contracting States:
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **15.04.1997 JP 11339797**

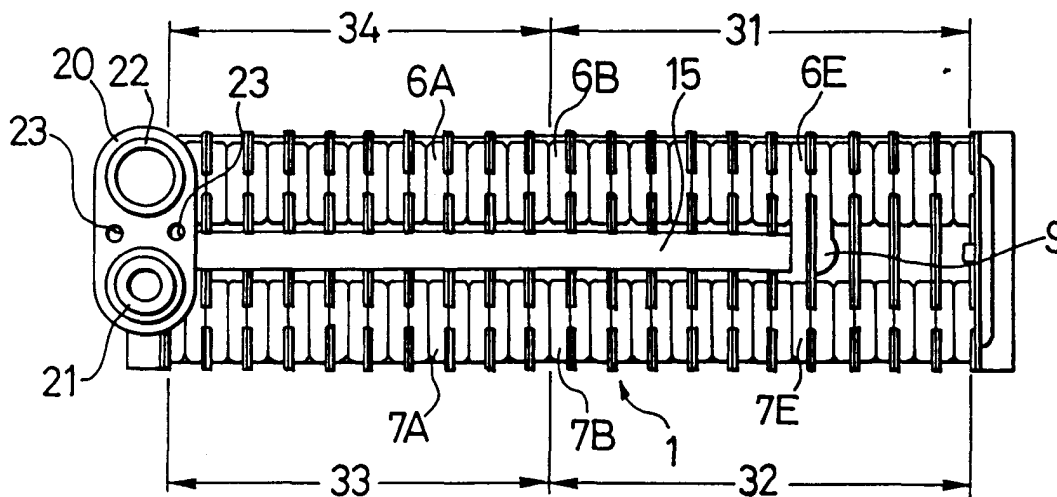
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(54) **Laminated heat exchanger**

(57) The intake / outlet portion (10) which is to be connected to the block type expansion valve (20) is constituted of a first intake / outlet formation portion (10A) for forming a coolant intake (53) and a coolant outlet (54) that is secured at the outside in the direction of lamination of the tube element (2) located at one of the outermost ends in the direction of the lamination and a second intake / outlet formation portion (10B) that is bonded

face-to-face with the first intake / outlet formation portion (10A) in the direction of the lamination to form a coolant intake passage (63) communicating with the coolant intake and a coolant outlet passage (64) communicating with the coolant outlet. Tube elements (2), fins (3), the first and second intake / outlet formation portions (10A, 10B) and end plates (4,5) are temporarily assembled and then brazed in a furnace to be formed as an integrated unit.

FIG. 1B



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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 2413

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			F28D F28F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 June 1999	Examiner Mootz, F
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			

EPC FORM 1503 03 82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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