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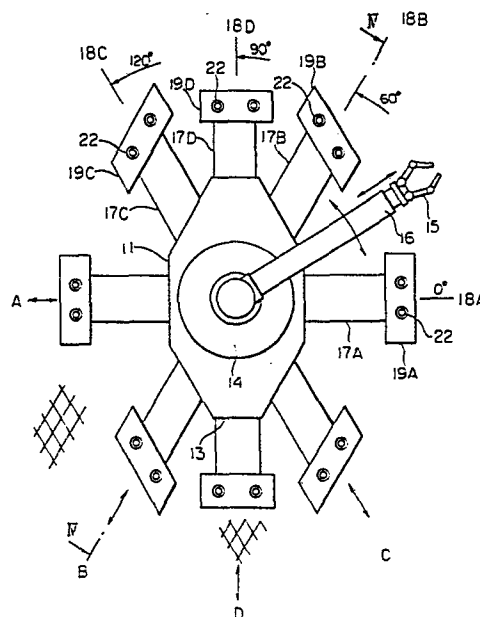
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54 **Working robot used for the water chamber of the heat exchanger.**

57 A working robot (1) positioned within a water chamber (3) of a heat exchanger comprises a body (11) of the working robot having an arm (16) rotatably mounted therein for supporting a working device (7), a unit (12) for supporting the body which is provided on the body, rails (17) for guiding the movement of the body and a unit (19) for supporting rails provided on both ends of the rails, the rails being composed of at least three sets of members (17A, 17B, 17C), a plurality of support shafts (21, 22) which are inserted into the interior of heat transfer tubes (25) of the heat exchanger such as to be fixedly abut against the inner surface thereof being mounted on the body support unit and the rail support unit in the direction of the central axis of the heat transfer tubes.





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EUROPEAN SEARCH REPORT

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Application number

EP 86 10 3863

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A,D	US-A-3 984 008 (SYUN-ICHI) * Abstract; figures * & JP-A-51 10 201	1,2,6	B 25 J 5/00 F 22 B 37/00
A	--- US-A-3 913 752 (WARD) * Column 17, lines 47-67; column 18, lines 1-9; figures 3,7,8 *	1,2,6	
A	--- EP-A-0 014 616 (INTERCONTROLE)		
A	--- CA-A-1 014 724 (STEVENS-GUILLE) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F 22 B B 62 D G 21 C
Place of search THE HAGUE		Date of completion of the search 30-03-1987	Examiner VAN GHEEL J.U.M.
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	