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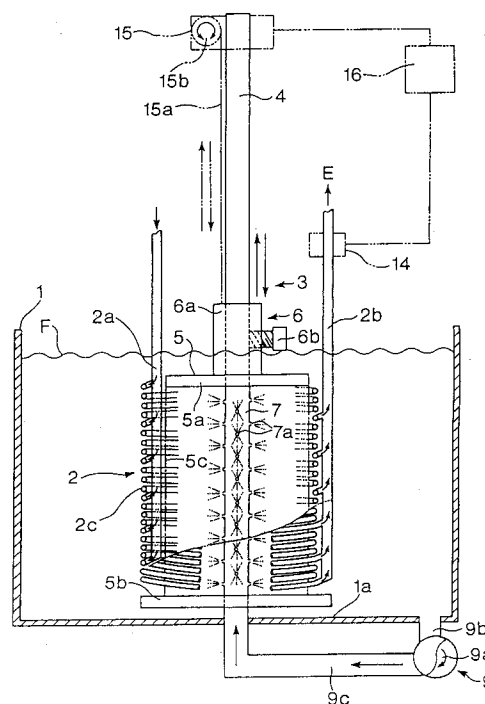
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Leicester LE1 7JA (GB)(54) **Heat exchanging apparatus.**

(57) A heat exchanging apparatus is disclosed which includes a heat exchanging reservoir (1) for containing a heat dissipating bath fluid (F) therein, a heat convecting unit (2) including a fluid pathway for flowing a perfusate (E) therethrough, and an immersion adjusting mechanism (3,6) attached to at least one or both of the heat convecting unit (2) and the heat exchanging reservoir (1). The heat convecting unit (2) is accommodated in the heat exchanging reservoir (1) so as to be immersed in the bath fluid (F) at a prescribed extent of immersion. The immersion adjusting mechanism (3,6) is constructed to control the extent of immersion of the heat convecting unit (2) in the bath fluid (F). Changing the effective heat convecting surface area, i.e., the extent of immersion of the heat convecting unit (2) in the bath fluid (F) by the immersion adjusting means (3,6) will afford ready and easy control of the effluent (E) temperature, with minimal time lag, over a wide range of temperatures, without ever changing the bath fluid temperature to a new one.

FIG.1**EP 0 624 770 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 93 31 0369

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.5)
A	US-A-4 306 018 (KIRKPATRICK) * abstract; figure 3 * -----	1	F28D1/02 F28F27/00 A61M1/36
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			F28D F28F A61M
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 May 1995	Examiner Ljungberg, R
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	