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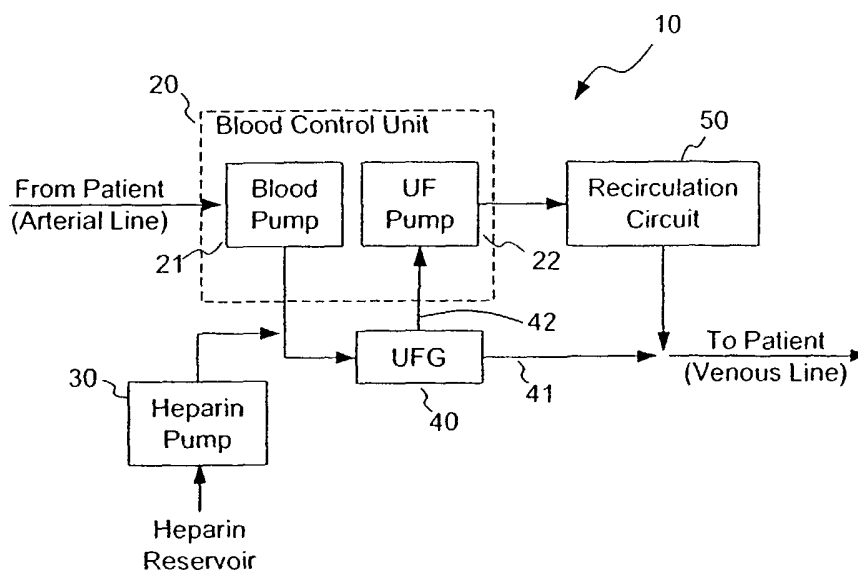
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(54) Title: METABOLIC DETOXIFICATION SYSTEM AND METHOD



(57) Abstract: An extracorporeal filtration and detoxification system and method generally comprise separating ultrafiltrate from cellular components of blood, treating the ultrafiltrate independently of the cellular components in a recirculation circuit, recombining treated ultrafiltrate and the cellular components, and returning whole blood to the patient. A recirculation circuit generally comprises an active cartridge including active cells operative to effectuate a selected treatment; in some embodiments, the active cells are the C3A cell line.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/06003

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: **A61M 37/00**( 2006.01)

USPC: 604/5.04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 604/5.04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3878564 A (Yao et al.) 22 April 1975 (22.04.1975) Note: Please review the entire patent.	1-78

Further documents are listed in the continuation of Box C.

See patent family annex.

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