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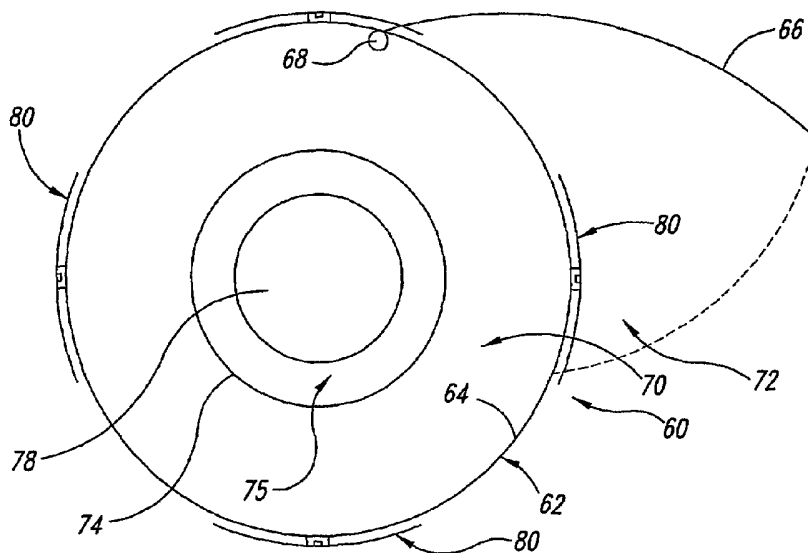
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
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[Continued on next page]

(54) Title: DEVICE AND METHOD FOR IRRADIATING BLOOD



(57) Abstract: A device (60) for irradiating blood is provided, the device including a chamber (62) having an elongate configuration defining a hollow interior, the chamber formed of reflective material, a tubular cassette (74) sized and shaped to be received in the interior (70) of the chamber, the tubular cassette (74) having an inside diameter sized and shaped to receive a reflective core (78) having an elongate configuration with an exterior diameter smaller than the interior diameter of the cassette to provide a space (75) for receiving and holding blood stationary, and an array of light-emitting members (80) arranged on the chamber for emitting light of at least one wavelength into the interior (70) of the chamber (62) for irradiating and treating the blood inside the cassette (74).

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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PCT/US04/28003

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : A61L 2/10  
 US CL : 250/435; 604/6.08; 422/24, 44  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE


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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0060747 A1 (FRIES et al) 27 March 2003 (27.03.2003), paragraphs [0071], [0093], [0098], [0116]; Figures 1, 3, 6, 8.	1-3, 6, 9, 14, 16-19
Y	US 2002/0015662 A1 (HLAVINKA) 07 February 2002 (07.02.2002), paragraph [0057].	3, 18
Y	US 5,290,221 A (WOLF, JR. et al) 01 March 1994 (01.03.1994), column 2, line 50 - column 3, line 2; column 8, lines 6-38; column 9, line 53 - column 10, line 8; Figures 10-13, 16-18.	5-8, 10-13, 15-19
Y --- A	US 5,030,200 A (JUDY et al) 09 July 1991 (09.07.1991), column 8, lines 25-34; column 12, lines 36-43; column 18, lines 2-6; column 19, lines 18-25.	1-3, 5-19 ----- 4

Further documents are listed in the continuation of Box C.       See patent family annex.

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**INTERNATIONAL SEARCH REPORT**

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Continuation of B. FIELDS SEARCHED Item 3:

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