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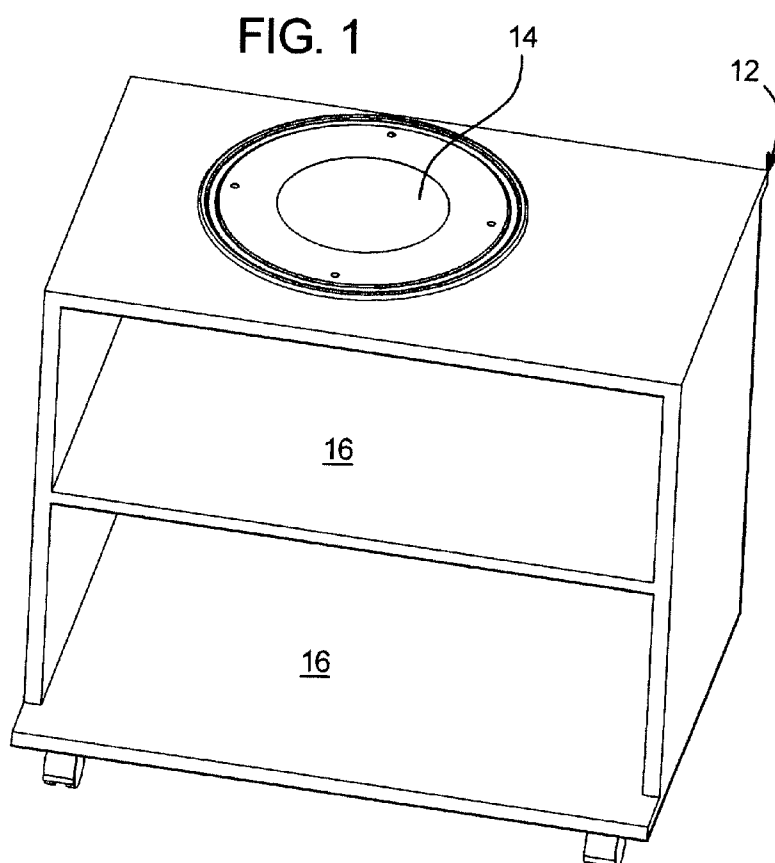
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[Continued on next page]

(54) Title: DIALYSIS SYSTEM HAVING DISPOSABLE CASSETTE AND INTERFACE THEREFORE



(57) Abstract: A medical fluid flow control system includes an interface including a first pump area, the first pump area of the interface including a pneumatic actuator port and a gasket seal port; and a membrane gasket including a second pump area for mating with the first pump area, the second pump area including a blind section which covers the pneumatic actuator port when the gasket is mated with the interface, the second pump area further including an aperture, the aperture sized and positioned to seal around the gasket seal port, allowing a negative pressure to be applied through the gasket seal port to a flexible sheet of a pumping cassette.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

A61M

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 practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/17649 A (BAXTER INT [US]) 15 March 2001 (2001-03-15) page 23; figures 6,12	1,12,23
A	WO 03/099355 A (BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]) 4 December 2003 (2003-12-04) page 50 - page 51, line 2; figure 17A	1,12,23
A	EP 1 314 443 A (FRESENIUS MEDICAL CARE DE GMBH [DE]) 28 May 2003 (2003-05-28) paragraphs [0009], [0012], [0013]	1,12,23



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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- "&" document member of the same patent family.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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