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- (71) Applicants (for all designated States except US):  
BAXTER INTERNATIONAL INC. [US/US]; One  
Baxter Parkway, Deerfield, IL 60015-4633 (US). BAX-  
TER HEALTHCARE S.A. [CH/CH]; Hertistrasse 2,  
Walisellen, CH-8304 Zurich (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): STECK, John  
[US/US]; 2551 W. Magnolia Lane, Round Lake, Illinois  
60073 (US). REITZ, Douglas [US/US]; 1635 Carriage  
Court, Green Oaks, Illinois 60048 (US).
- (74) Agent: REAGEN, Joseph; Baxter International Inc., One  
Baxter Parkway, Deerfield, Illinois 60015-4633, (US).
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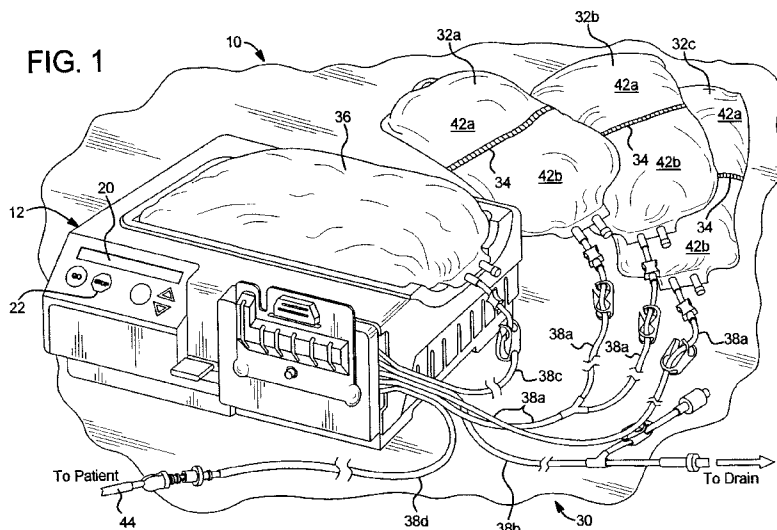
- as to applicant's entitlement to apply for and be granted a  
patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the  
earlier application (Rule 4.17(iii))

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- with international search report

[Continued on next page]

(54) Title: DIALYSIS CASSETTE HAVING MULTIPLE OUTLET VALVE



(57) Abstract: A disposable pumping cassette in one embodiment includes a pump chamber; and a valve chamber in communi-  
cation with the pump chamber, the valve chamber including an inlet and first and second outlets. A disposable pumping cassette  
in another embodiment includes a first valve chamber including an inlet and first and second outlets; and a second valve chamber  
including an inlet and an outlet, the second valve chamber openable to allow dialysis fluid to flow through one of the first and sec-  
ond outlets of the first valve chamber, through the outlet of the second valve chamber. A disposable pumping cassette in a further  
embodiment includes a valve chamber including a fluid inlet and first and second fluid outlets; and a flexible sheet openable to open  
and close only one of the first and second outlets.

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A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61M1/28

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 416 293 B1 (BOUCHARD CLEMENT D [US] ET AL) 9 July 2002 (2002-07-09) paragraphs [0174], [0175], [0181], [0182]; figures 11a-11f	1-30
A	WO 2005/042065 A (BAXTER INT [US]; BAXTER HEALTHCARE SA [CH]; CHILDERS ROBERT W [US]) 12 May 2005 (2005-05-12) page 9, line 18 - page 10, line 4; figures 7,8	1-30
A	US 5 062 774 A (KRAMER DAVID E [US] ET AL) 5 November 1991 (1991-11-05) claim 1; figures	
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Further documents are listed in the continuation of Box C.

See patent family annex.

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- \*Z\* document member of the same patent family

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040,  
Fax: (+31-70) 340-3016

Authorized officer

Villeneuve, J

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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