

Nicolas Vargas

Search history

Search PN=(WO2015154859) (Results 1)

1:

Search [SP]: 1. a process for the estimation of treatment duration of peritoneal dialysis treatment, characterized in that the estimation of treatment duration is performed based on ideal treatment duration, wherein the ideal treatment duration is increased by one or more delay values, wherein the delay values depend on one or more apparatus-specific and/or patient-specific and/or process-specific parameters. 2. the process according to claim 1, characterized in that the ideal treatment duration, i.e. the ideal duration of the initial outflow, comprises the ideal cycle duration multiplied by the number of cycles as well as the ideal duration of the last inflow. 3. the process according to claim 1, characterized in that a patient-specific parameter is formed by the catheter performance. 4. the process according to claim 3, characterized in that the catheter performance is taken into account during estimation of the inflow duration and/or during estimation of the outflow duration and/or during estimation of the duration of the last inflow, wherein preferably provision is made for the catheter performance to be taken into account in the form of absolute or relative increase of the ideal inflow duration and/or the ideal outflow duration and/or the ideal duration of the last inflow. 5. the process according to claim 4, characterized in that catheter performance and especially absolute or relative increase may be set by a user. 6. the process according to claim 1, characterized in that the initial outflow pressure is performed in a pressure-controlled manner and in that the duration of the initial outflow is preset by the apparatus, or in that the initial outflow is performed in a volume-controlled manner and in that the duration of the initial outflow is determined from initial outflow volume and an outflow rate, wherein preferably provision is made for the value determined in this manner to be increased in order to account for the catheter performance. 7. the process according to claim 1, characterized in that the process-specific parameter is an absolute or relative delay during inflow and/or during outflow. 8. the process according to claim 1, characterized in that the volume of the initial outflow is determined from the effective duration of the initial outflow and from the effective outflow rate. 9. the process according to claim 8, characterized in that the effective duration is a preset duration in addition to a time delay and/or in that the effective outflow rate is determined from the preset outflow rate and a value accounting for the catheter performance. 10. the process according to claim 1, characterized in that for the estimated duration of in-patient dwell time of the solution and/or for the estimated duration of treatment break the estimated duration is used and/or in that for the estimated duration of a message the value of zero is assumed. 11. the process according to one of claim 1, characterized in that the estimated treatment duration is composed of the following estimated time(s): initial outflow duration, inflow duration, outflow duration, in-patient dwell time, duration of treatment break, duration of messages, finale inflow duration. 12. the process according to claim 1, characterized in that the effective inflow rates and/or outflow rates are determined and in that for establishing a tendency analysis by documentation of these data over the time a change in catheter performance is determined, wherein preferably provision is made for estimation of treatment duration of future treatments to be based on the catheter performance which has been changed. 13. the process according to claim 1, characterized in that the dwell time of the treatment is changed depending on the estimated treatment duration or in that it will remain unchanged. 14. the process according to claim 1, characterized in that the estimated treatment duration is compared to an upper and/or lower threshold value and that an indication is given to the user if the estimated treatment duration exceeds the upper threshold value or falls below the lower threshold value. 15. a dialysis apparatus for performing peritoneal dialysis having at least one logic or control unit, at least one input unit to input one or more values, as well as at least one processor, characterized in that the processor is programmed to perform a process according to claim 1. (Results 0)

Search [SP]: a process for the estimation of treatment duration of peritoneal dialysis treatment the present invention relates to a process for the estimation of treatment duration of peritoneal dialysis treatment: wherein the estimation of treatment duration is performed based on an ideal treatment duration, wherein the ideal treatment duration is increased by one or more delay values, wherein the delay values depend on one or more apparatus-specific and/or patient-specific and/or process-specific parameters. (Results 15)

Search 3 and (number w10 cycle*) (Results 8)

4:

Search 4 and pd<20150331 (Results 5)

5:

1) Family number: 50814271 (US2012071815A)

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Title: DRAIN AND FILL LOGIC FOR AUTOMATED PERITONEAL DIALYSIS

Abstract: The present system and method in one embodiment limit a maximum instantaneous peritoneal volume to a comfortable level, while allowing the dialysis machine to advance to fill a prescribed volume whenever the drain ends after a minimum drain percentage has been attained. If a low drain condition occurs, the nominal fill volume is lowered and a therapy cycle is added, so that a prescribed total amount of fresh therapy fluid is used during therapy, maximizing therapeutic benefit. An allowable residual volume at the end of an incomplete drain is increased, thereby lowering the probability of a subsequent low drain condition.

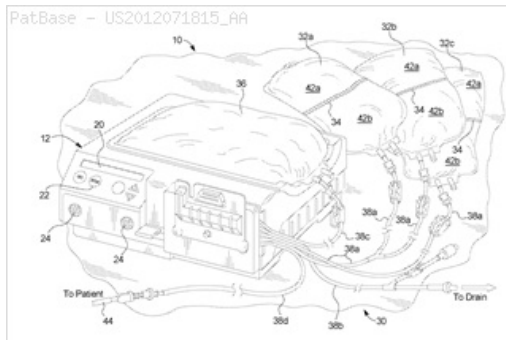
Classifications:

International (IPC 8-9): A61M1/28 B01D61/32 (Advanced/Invention)

CPC: A61M1/28 A61M1/282

European: A61M1/28 K61M1/28B

US: 210/141 210/143 210/321.6 210/321.65 210/646 210/97 604/29 604/29P 604/65 700/273



Family:

Publication number	Publication date	Application number	Application date
DE602011030993 D1	20161124	DE201160030993T	20110818
EP2616118 A2	20130724	EP20110749306	20110818
EP2616118 B1	20161005	EP20110749306	20110818
JP2013537087 T2	20130930	JP20130529159T	20110818
JP2016137279 A2	20160804	JP20160060261	20160324

JP2018108419 A2	20180712	JP20180031910	20180226
JP5908909 B2	20160426	JP20130529159T	20110818
JP6344825 B2	20180620	JP20160060261	20160324
MX2013003033 A1	20130815	MX20130003033	20110818
US2012071815 AA	20120322	US20110195376	20110801
US8936720 BB	20150120	US20110195376	20110801
WO12036836 A2	20120322	WO2011US48202	20110818
WO12036836 A3	20121026	WO2011US48202	20110818
WO12036836 A4	20121213	WO2011US48202	20110818

Priority:

US20100384001P	20100917	US20110195376	20110801	EP20110749306	20110818
JP20130529159T	20110818	JP20160060261	20110818	WO2011US48202	20110818
JP20160060261	20160324	JP20180031910	20180226		

Probable Assignee: BAXTER HEALTHCARE SA

Assignee(s): (std): BAXTER HEALTHCARE SA ; BAXTER INT ; BAXTER INT INC ; HOPPING PETER ; LO YING CHENG ; CHILDERS ROBERT W

Assignee(s): BAXTER INT INCORPORATED ; BAXTER INTERNATL INC ; BAXTER INT INC DEERFIELD ; BAXTER INTERNATIONAL INC ; BAXTER HEALTHCARE S A

Inventor(s): (std): CHILDERS ROBERT W ; HOPPING PETER ; LO YING CHENG ; PETER HOPPING ; ROBERT W CHILDERS

Inventor(s): YING CHENG LO

Agent(s): MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB; DEE IAN MARK; POTTER CLARKSON LLP; K AND L GATES LLP; K AND L GATES LLP ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN VZ ZA ZM ZW

2) Family number: 30064445 (US2003220598A)

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Title: AUTOMATED DIALYSIS SYSTEM

Abstract: The present invention provides automated peritoneal dialysis systems, methods of operating the systems and devices for performing same. A typical therapy performed by the present invention begins by draining dialysis solution that is already in the patient's peritoneal cavity. The system pumps fresh dialysate from one of a plurality of supply bags, through an in-line heater to the patient's peritoneal cavity. After a dwell period, the spent dialysate in the cavity is pumped out of the patient to a drain or other disposal means. The system then pumps fresh dialysate from the supply bags to the patient and the procedure is repeated as defined in the therapy protocol. The system can pump a last bag of dialysate to the peritoneal cavity for an extended dwell, such as a daytime dwell.

Classifications:

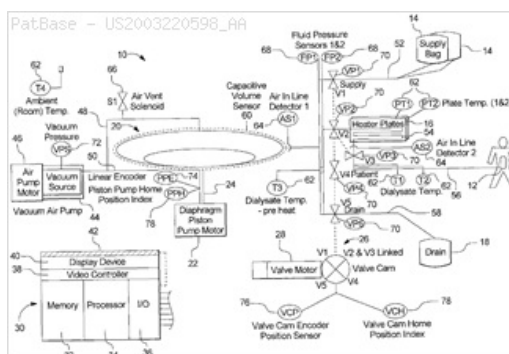
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International (IPC 1-7): A61M1/00 A61M1/14 A61M1/28 A61M37/00 B01D35/18 B01D61/00 C02F1/02

CPC: A61M2205/33 A61M2205/35 A61M2205/502 A61M1/267 A61M1/28 A61M1/281 A61M1/288 A61M2205/127 A61M2205/50 A61M2205/581 A61M2205/583 A61M1/166

European: A61M1/28 K61M1/28A K61M205/12H K61M205/33 K61M205/35 K61M205/50 K61M205/50A K61M205/58B K61M205/58D

US: 210/175 210/175S 210/181 210/181S 210/252 210/252S 210/257.2 210/257.200S 210/258 210/258S 210/321.71 210/321.710S 210/645 210/645S 210/646 219/201 219/243 345/173 345/173S 422/44 604/131 604/132 604/141 604/151 604/152 604/153 604/28 604/29 604/29P 604/4.01 604/40.1 604/5.01 604/5.010P 604/5.04 604/5.040P 604/50.1 604/50.4 604/6.1 604/6.11 604/6.13 604/6.130S 604/61.1



Family:

Publication number	Publication date	Application number	Application date
AU2003234608 AA	20031212	AU20030234608	20030515
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EP1511524 A1	20050309	EP20030728950	20030515
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JP2012210423 A2	20121101	JP20120131131	20120608
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US2003220607 AA	20031127	US20020155787	20020524
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WO03099353 A2	20031204	WO2003US15373	20030515

Priority:

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Probable Assignee: BAXTER INT INC

Assignee(s): (std): ALVARO JOSE ; BAXTER HEALTHCARE SA ; BAXTER HEALTHCARE INC ; BAXTER INT ; BUSBY DON ; CHILDERS ROBERT ; DIN SHAHID ; BOWMAN JOSEPH H JR ; EU BRUCE M ; BAXTER INT INC ; CALLAHAN ERIC ; BRITTON ANDREA KRENSKY ; BUSBY DONALD ; BAXTER S A ; HOPPING PETER ; LAUMAN BRIAN ; KIENMAN RICK ; SHANG SHERWIN ; LUNDTVEIL LOREN M ; RICHARDSON IAN ; YU ALEX ANPING ; TOCZKO DEBRA ; REESE WILLIAM ; YUE LI ; KHORASHAHI SEYED ; SHARO RANDALL

Assignee(s): LUNDTVEIT LOREN M ; BAXTER SA ; BAXTER INTERNATIONAL INC. ; BAXTER INT INCORPORATED ; BAXTER INT INC DEERFIELD ; BOWMAN JOSEPH H ; EU BRUCE MING DA ; BOWMAN JOSEPH H ; BAXTER INTERNATIONAL INCORPORATED ; BAXTER INTERNATL INC ; BAXTER HEALTHCARE S A

Inventor(s): (std): BUSBY DON ; CHILDERS ROBERT ; DIN SHAHID ; EU BRUCE MING DA ; BUSBY DONALD ; EU BRUCE MIND DA ; DONALD BUSBY ; EU BRUCE M ; CALLAHAN ERIC ; BUSBY DONALD D ; CHILDERS ROBERT W ; BUSBY DONALD A ; BOWMAN JOSEPH H ; BOWMAN JOSEPH H ; BOWMAN JOSEPH H JR ; BRUCE MIND DA EU ; BOWMAN JR JOSEPH H ; BRIAN LAUMAN ; BRITTON ANDREA KRENSKY ; BRITTON ANDREA ; HOPPING PETER ; LAUMAN BRIAN ; KIENMAN RICK ; RICHARDSON IAN ; LUNDTVEIT LOREN M ; SHANG SHERWIN ; IAN RICHARDSON ; JOSEPH H JR BOWMAN ; PETER HOPPING ; ROBERT CHILDERS ; JOSEPH H ; LOREN M LUNDTVEIT ; SHAHID DIN ; RICK KIENMAN ; JOSE ALVARO ; LUNDTVEIL LOREN M ; LUNDTVEIT LOREN M ; REESE WILLIAM ; SHARO RANDALL ; KHORASHAHI SEYED ; KRENSKY BRITTON ANDREA ; HOPPING PETER A ; KIENMAN RICK E ; KIENMAN RICHARD E ; LUNDTVETT LOREN M ; SHERWIN SHANG ; YU ALEX ANPING ; TOCZKO DEBRA ; YUE LI ; ALVARO JOSE

Inventor(s): ALVARO JOSE VERNON HILLS ; SHANG SHERWIN VERNON HILLS ; LUNDTVEIT LOREN M WADSWORTH ; HOPPING PETER LUTZ ; LAUMAN BRIAN CLEARWATER ; KIENMAN RICK TAMPA ; RICHARDSON IAN CLEARWATER ; JR JOSEPH H ; BOWMAN JOSEPH HJR ; BOWMAN JOSEPH H JR LAKE VILLA ; BRITTON ANDREA (KRENSKY) ; BOWMAN ; DIN SHAHID PALM HARBOR ; BUSBY DONALD TAMPA ; EU BRUCE MIND DA VERNON HILLS ; CHILDERS ROBERT NEW PORT RICHEY

Agent(s): MUELLER BORE AND PARTNER PATENTANWALTE PARTG MBB; POTTER CLARKSON LLP; PROBERT GARETH DAVID; Probert Gareth David; BAXTER HEALTHCARE CORP; K AND L GATES LLP; JOSEPH P; BELL BOYD AND LLYOD LLC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

3) Family number: 52662657 (US2013006171A)

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Title: DIALYSIS MACHINE

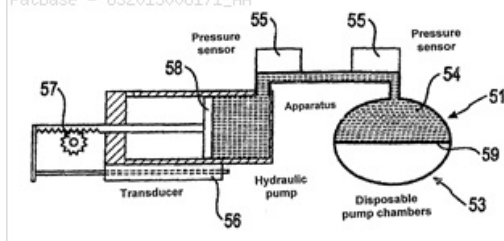
Abstract: The present invention relates to a dialysis machine, in particular a peritoneal dialysis machine, wherein a dialysis treatment, in particular a peritoneal dialysis treatment, can be carried out by means of the dialysis machine in accordance with predefined and/or inputtable treatment parameters and wherein the dialysis machine has at least one setting means by means of which at least one treatment parameter can be set dynamically and/or during the treatment operation of the dialysis machine. The present invention furthermore relates to a method of operating a dialysis machine.

Classifications:**International (IPC 8-9):** A61M1/16 A61M1/28 (Advanced/Invention)**CPC:** A61M1/16 A61M1/166 A61M1/28 A61M1/282 A61M2205/12

A61M2205/3331 A61M2205/3368 A61M2205/50

European: A61M1/16 A61M1/28**US:** 604/29

PatBase - US2013006171-AA

**Family:**

Publication number	Publication date	Application number	Application date
CN103648539 A	20140319	CN201280032654	20120627
CN103648539 B	20160413	CN201280032654	20120627
DE102011105916 A1	20130103	DE201110105916	20110629
DE102011105916 B4	20130328	DE201110105916	20110629
EP2726120 A1	20140507	EP20120729887	20120627
IN00433CN2014 A	20150703	IN2014CN00433	20140118
JP2014523303 T2	20140911	JP20140517503T	20120627
JP2017140437 A2	20170817	JP20170076680	20170407
JP6161167 B2	20170712	JP20140517503T	20120627
JP6347865 B2	20180627	JP20170076680	20170407
US2013006171 AA	20130103	US20120534514	20120627
US10159776 BB	20181225	US20120534514	20120627
WO13000569 A1	20130103	WO2012EP02701	20120627

Priority:

DE201110105916 20110629 US20110502467P 20110629 JP20140517503T 20120627
 US20120534514 20120627 WO2012EP02701 20120627 JP20170076680 20170407

Probable Assignee: FRESenius SE AND CO KGAA

Assignee(s): (std): FRESenius MEDICAL CARE DE GMBH ; FRESenius MEDICAL CARE DEUTSCHE GMBH ; GRIESMANN ERIK ; HEDMANN FRANK ; WICH HEITER JOACHIM ; GRIESMANN ERIK ; PRESENSIUS MEDICAL CARE DEUTSCHLAND GMBH

Assignee(s): FRESenius MEDICAL CARE DEUTSCHLAND GMBH ; FRESenius SE AND CO KGAA

Inventor(s): (std): GRIESMANN ERIK ; WICH HEITER JOACHIM ; JOACHIM WICH HEITER ; HEDMANN FRANK ; GRIESMANN ERIK ; ERIK GRIESMANN

Agent(s): LAUFHUEETTE DIETER; MAEDA AND PARTNERS; KURASAWA ICHIRO; MATSUSHITA MITSURU; DESHIMARU TAKESHI; JACOBSON HOLMAN PLLC; LORENZ SEIDLER GOSSEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 46982854 (US2012029937A)

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Title: DIALYSIS DEVICE

Abstract: A dialysis device comprising a prescriber interface and a programming means configured to allow, via the prescriber interface, input of a set of therapeutic objectives and a treatment plan and a re-evaluation means configured to, as a function of the therapeutic objectives and the treatment plan, suggest at least one treatment option comprising a set of settings of a treatment session to achieve said set of therapeutic objectives.

Classifications:**International (IPC 8-9):** A61M1/16 A61M1/28 B01D61/00 G06F19/00

G06Q50/00 G06Q50/22 G16H20/17 (Advanced/Invention);

A61M1/28 (Advanced/Non-invention);

A61M1/16 G06F19/00 (Core/Invention)

CPC: G06F19/3481 A61M2205/3393 A61M1/3609 A61M2205/502

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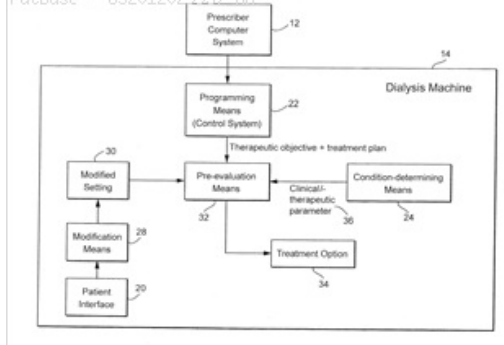
A61M2205/52 G06Q50/22

European: A61M1/16 G06F19/34A G06Q50/22 K61M1/16A5

K61M1/28 K61M205/50A1 K61M205/52 S06F19/34L

US: 210/646 210/646S 705/2 705/2P

PatBase - US2012029937-AA

**Family:**

Publication number	Publication date	Application number	Application date
CN102361657 A	20120222	CN201080013027	20100324
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DE602010026031 D1	20150903	DE201060026031T	20100324
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EP2411069 B1	20150722	EP20100710329	20100324
EP2957305 A1	20151223	EP20150177324	20100324
ES2548570 T3	20151019	ES20100710329T	20100324
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US2018207339 AA	20180726	US20180872977	20180116

Priority:

WO2009IB51225 20090324 EP20100710329 20100324 WO2010EP53837 20100324
US20110260456 20110926 US20180872977 20180116

Probable Assignee: DEBIOTECH SA

Assignee(s): (std): DEBIOTECH SA ; GAMBRO LUNDIA AB ; HERTZ THOMAS ; NEFTEL FREDERIC ; BERNARD PASCAL

Assignee(s): DEBIOTECH S A

Inventor(s): (std): BERNARD PASCAL ; FREDERIC NEFTEL ; HERTZ THOMAS ; NEFTEL FREDERIC ; PASCAL BERNARD ; THOMAS HERTZ

Agent(s): BORNEGARD ANNETTE; WEIHS BRUNO KONRAD; ISERN JORGE

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

5) Family number: 30226894 (US2004019313A)

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Title: SYSTEMS, METHODS AND APPARATUSES FOR PUMPING CASSETTE-BASED THERAPIES

Abstract: The present invention provides systems, methods and apparatuses for medical fluid delivery systems that employ a pumping cassette. In particular, the present invention provides systems, methods and apparatuses for cassette-based dialysis therapies including hemodialysis, hemofiltration, APD (including tidal modalities) and CFPD. The embodiments described include a combined pump/valve housing, a fail safe pump/valve arrangement, a cassette auto-alignment feature, a pumping membrane material, a multiplexing valve arrangement, an expert fluid pumping management system, an integral port vent and an in-line air separation chamber and combinations of each of these.

Classifications:

International (IPC 8-9): A61M1/00 A61M1/10 A61M1/14 A61M1/16 A61M1/28 A61M1/34 A61M37/00 B01D1/00 B01D11/00 B01D61/00 B01D61/26 B01D61/30 B01D61/32 C02F1/44 C02F9/00 F04B43/00 F04B45/04 (Advanced/Invention);

A61M1/16 C02F9/00 F04B45/04 (Advanced/Non-invention);

A61M1/00 A61M1/14 A61M1/28 A61M1/34 A61M37/00 B01D1/00 B01D61/24 C02F1/44 C02F9/00 F04B43/00

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International (IPC 1-7): A61M1/00 A61M1/10 A61M1/14 A61M1/16 A61M1/28 A61M37/00 B01D1/00

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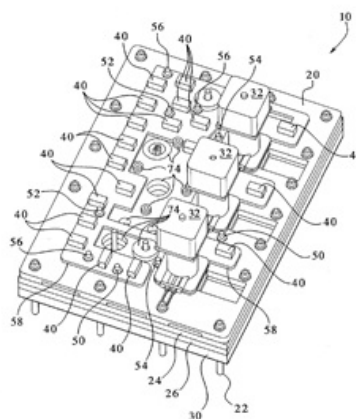
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FIG.1



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- Designated states:** AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW