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[Continued on next page]

(54) Title: FILTRATION SYSTEM

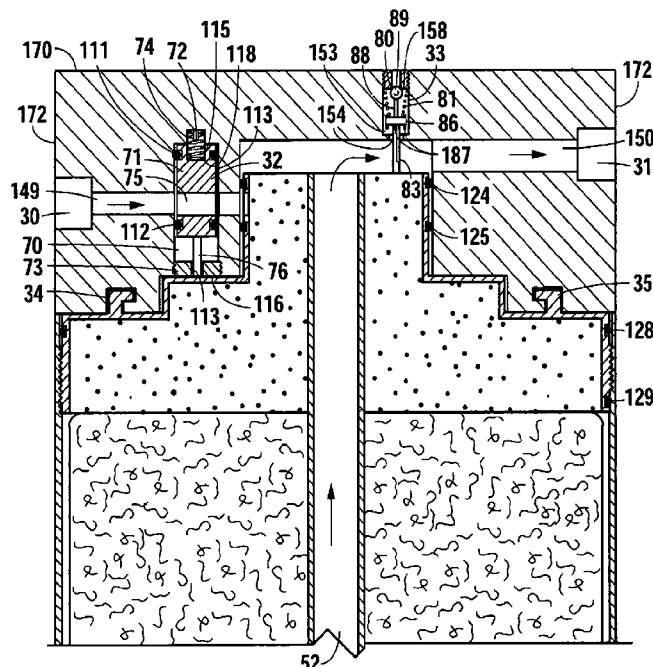


Fig. 5

(57) Abstract: A filtration system includes a filter assembly removably coupled with, a manifold. The coupling of the filter assembly coupled with the manifold aligns an intake port of the filter assembly with an inlet tube of the manifold and communicates a flow tube of the filter assembly with an exit tube of the manifold. The filter assembly pushes a shut-off valve of the manifold from its normally closed position to its open position. Liquid then flows into the filter assembly from the inlet tube of the manifold and filtered liquid flows into exit tube of the manifold from the flow tube of the filter assembly. The filter assembly further pushes a pressure relief valve of the manifold from its normally open position to its closed position.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - B01D 35/157, B01D 35/30, C02F 1/00 (2014.01)

USPC - 210/234, 210/235, 210/420, 210/444

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)

IPC(8) - B01D35/157, B01D35/30, C02F1/00 (2014.01)

USPC - 210/234, 210/235, 210/420, 210/444

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

IPC(8) - B01D27/08, B01D35/14, B01D35/143, B01D35/147, B01D35/1475, B01D35/153, C02F1/28, C02F9/00

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

PubWEST (PGPB, USPT, USOC, EPAB, JPAB); PatBase; ProQuest Dialog; Google (Patents, Scholar, Web)

Search Terms: Filter, cartridge, insert, change, switch, open, close, valve, manifold, cap, top, upper, inlet, intake, entrance, input, outlet, exit, output, cavity, chamber, second, two, pressure, relief, escape, vent, drain, shut off, tube, channel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y =====	US 2009/0321340 A1 (RAMPEN et al.) 31 December 2009 (31.12.2009) Fig. 1, 4-11; Para [0008], [0026]-[0027], [0029]-[0030], [0040]-[0041]	1, 10-18 =====
A		2-9
Y =====	US 2010/0282658 A1 (JUNGSMANN et al.) 11 November 2010 (11.11.2010) Fig. 1-4; Para [0026], [0029]-[0030]	1, 10-18 =====
A		2-9
A	US 2006/0091055 A1 (KNOLL et al.) 04 May 2006 (04.05.2006) Fig. 1; Para [0042], [0044]	2-9
A	US 2006/0124532 A1 (MAGNUSSON et al.) 15 June 2006 (15.06.2006) Fig. 2; Para [0034]	2-9
A	US 2003/0019819 A1 (FRITZE) 30 January 2003 (30.01.2003) Fig. 1; Para [0029]	2-9
A	US 5,560,824 A (SANN et al.) 01 October 1996 (01.10.1996) Fig. 1; col 5, ln 15-26	1-18
A	US 7,029,575 B1 (BAUMANN et al.) 18 April 2006 (18.04.2006) Fig. 1a-1d; col 2, ln 64 to col 3, ln 31	1-18
A	US 2004/0211931 A1 (OLSON et al.) 28 October 2004 (28.10.2004) Fig. 1, 9A-9B, 12A-12B; Para [0047], [0053], [0064]-[0074].	1-18



Further documents are listed in the continuation of Box C.



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***** Continuation of B - Documentation searched other than minimum documentation *****

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