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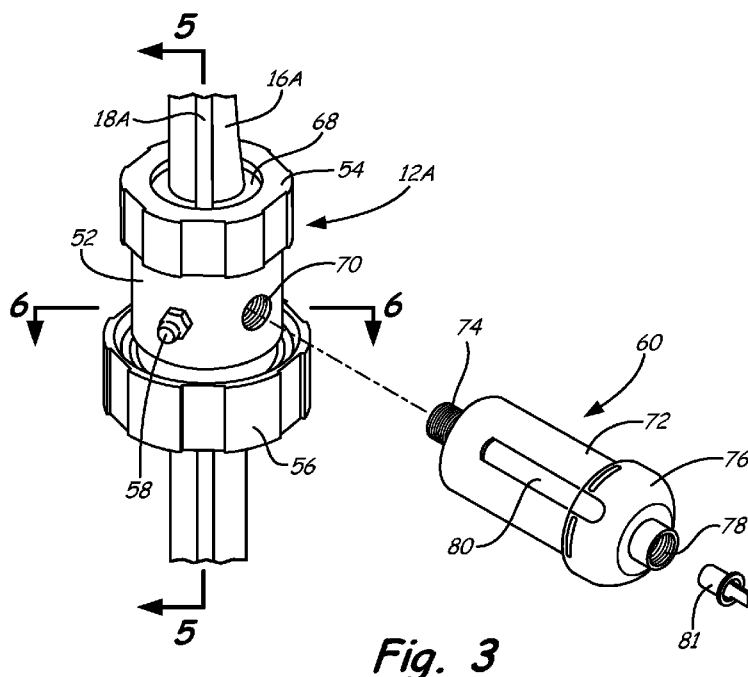
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(54) Title: POUR SPOUT ADAPTER ASSEMBLY FOR PUMPING SYSTEM



(57) Abstract: A pour spout adapter comprises a housing, a collar and a threaded engagement. The housing has a sealed bore for receiving a tube. The collar has an internal bore coupled to the housing at a rotatable connection so as to permit a tube to extend from the sealed bore through the collar. The threaded engagement is disposed on the internal bore to receive a threaded pour spout.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/043156**A. CLASSIFICATION OF SUBJECT MATTER****F04B 53/16(2006.01)i, F04D 29/08(2006.01)1, F04B 19/04(2006.01)1**

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)

F04B 53/16; B67D 5/60; B67D 3/00; B67D 5/00

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: adapter, adaptor, connector, desiccant, seal, and assembly

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2003-0183662 A1 (VICKI INGRAM) 02 October 2003 See paragraphs [0025]-[0027] and figures 1, 3.	1, 15-16 2-14, 17-20
A	US 6220482 B1 (SIMMEL; THOMAS L. et al.) 24 April 2001 See column 7 lines 6-62 and figures 1, 3.	1-20
A	US 04548344 A (HESTEHAVE; BØRGE et al.) 22 October 1985 See column 3, line 36 - column 4, line 7 and figures 1, 2.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

11 JANUARY 2013 (11.01.2013)

Date of mailing of the international search report

14 JANUARY 2013 (14.01.2013)

Name and mailing address of the ISA/KR

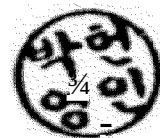
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2012/043156

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003-0 183662 A1	02 . 10 . 2003	CA 242 1006 A1 MX PA03002822A US 68 14267 B2	11 . 08 . 2003 03 . 09 . 2004 09 . 11 . 2004
US 6220482 B1	24 . 04 . 2001	AU 2000-42096 A1 AU 4209600 A AU 769059 B2 CA 2368756 A1 EP 1198410 A1 WO 00-59822 A1	23 . 10 . 2000 23 . 10 . 2000 15 . 01 . 2004 12 . 10 . 2000 24 . 04 . 2002 12 . 10 . 2000
US 04548344 A	22 . 10 . 1985	None	