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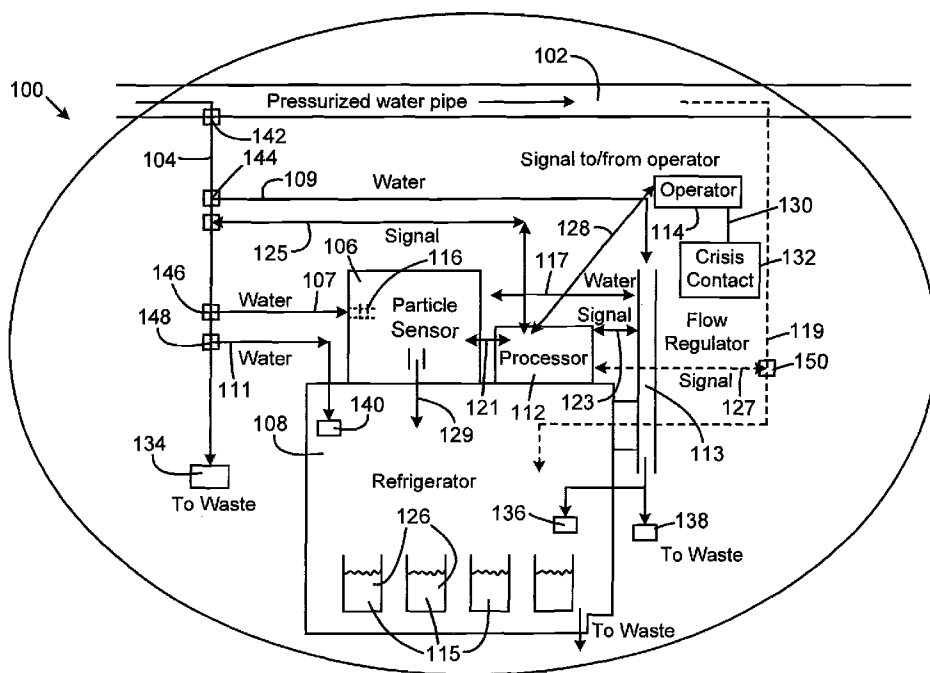
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(54) Title: METHOD FOR MONITORING WATER QUALITY



(57) Abstract: The method is for monitoring water quality in a water system. A water pipe (102) is provided for conveying water therein. A particle sensor (106) is in operative engagement with the water pipe. The particle sensor (106) continuously counts particles in the water of the water pipe. The particle sensor (106) triggers the taking of a water sample (126) only when the particle count reaches a predetermined level.

WO 2007/100390 A3

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US06/60760

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC: G01N 1/14( 2006.01),1/20( 2006.01)  
  
 USPC: 73/864.34,64.53,863.01  
 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)  
 U.S. : 73/864.34,64.53,863.01,54.01,54.08,61.63,61.65,61.66,61.72,61.73,863.52,864.33,864.51

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 practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
x	US 6,649,872 B1 (WICK et al) 10 December 2002 (10.12.2002), column 13, lines 20-50.	1-3, 9
y	US 4,628,748 (JOGAN et al) 16 December 1986 (16.12.1986), column 7, lines 38-46, column 8, lines 1-10.	4-8, 10
a	US 4,660,422 (EADS et al) 28 April 1987 (18.04.1987).	1-10
y	US 6,658,876 B1 (RICHARDSON et al) 9 December 2003 (09.12.2003), column 1, lines 50-55.	7, 8
a	US 6,925,895 B2 (BARKER) 09 August 2005 (09.08.2005).	1-10
a	3,897,687 (BURBERRY) 05 August 1975 (05.08.1975).	1-10

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 18 June 2008 (18.06.2008)	Date of mailing of the international search report <b>22 JUL 2008</b>
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