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(54) Title: RECYCLED WATER PROCESS CONTROL

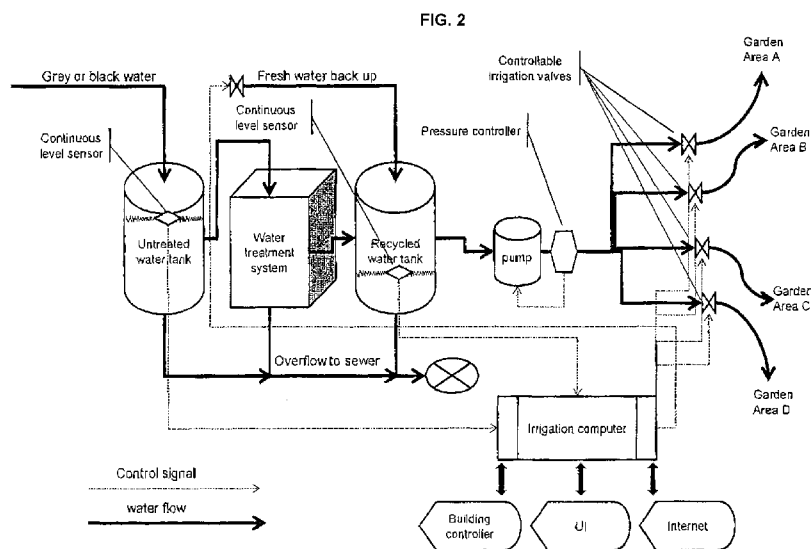


FIGURE 2: ONE EMBODIMENT OF THE INVENTION - AN IRRIGATION COMPUTER WITH INPUTS FROM EITHER/OR TREATED OR UNTREATED AND RECYCLED WATER TANKS

(57) **Abstract:** According to the teachings of the present embodiment there is provided a system for controlling water use including: a processing system including at least one processor and configured to receive monitoring data from at least one water source and send control data to at least one water consumption application, the water source including at least one water treatment system, the control data to enable improved matching of temporal production characteristics of at least one water source to temporal consumption demands of at least one water consumption application.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2012/052606

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C02F 1/00 (2012.01)

USPC - 210/739

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) - C02F 1/00, 3/00, 9/00; E03B 1/04 (2012.01)

USPC - 210/102, 104, 143, 195.1, 257.1, 418, 614, 739, 744; 700/266, 271

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)

PatBase, Google Scholar

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No.          |
|-----------|------------------------------------------------------------------------------------|--------------------------------|
| X         | US 2010/0243544 A1 (TAKEMURA et al) 30 September 2010 (30.09.2010) entire document | 1-5, 7-9, 11, 13, 20-26, 31-33 |
| —         |                                                                                    | -----                          |
| Y         |                                                                                    | 10, 14-16, 28-30, 44, 45       |
| X         | US 2003/0094422 A1 (PERKINS et al) 22 May 2003 (22.05.2003) entire document        | 34-43                          |
| —         |                                                                                    | -----                          |
| Y         |                                                                                    | 14-16, 28-30, 44, 45           |
| Y         | GB 2472517 A (COYLE et al) 09 February 2011 (09.02.2011) entire document           | 10                             |
| A         | AU 2007200913 A1 (BROWN) 18 October 2007 (18.10.2007) entire document              | 1-68                           |
| A         | ES 1 060 169 U (INIGUEZ et al) 01 August 2005 (01.08.2005) entire document         | 1-68                           |
| A         | US 2010/0122738 A1 (WILLIAMSON) 20 May 2010 (20.05.2010) entire document           | 1-68                           |

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