

05/07/16

## Number of documents: 1

[US20050133420](#)

Control scheme for enhanced filtered water systems  
BRITA CLOROX

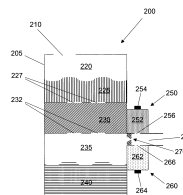
## Control scheme for enhanced filtered water systems

### US20050133420

<ul style="list-style-type: none"> <li>• <b>Patent Assignee</b> BRITA CLOROX</li> <li>• <b>Inventor</b> RINKER EDWARD B LITVIN SIMON KOGAN SEMYON ILYIN ILYA CHALIYAN ALEXANDER LOGATCHEV DMITRY PAVLOV VALERY GERSHMAN MICHAEL</li> <li>• <b>International Patent Classification</b> A23L-002/56 B01D-003/00 B01D-015/00 B01D-017/12 B01D-021/30 B01D-024/02 B01D-027/02 B01D-027/08 B01D-029/00 B01D-035/00 B01D-035/02 B01D-039/02 B01F-003/12 B01F-005/04 B01L-003/02 B01L-099/00 C02F-001/00 G05B-021/00</li> <li>• <b>US Patent Classification</b> PCLO=210101000 PCLO=210198100 PCLO=210203000 PCLO=422430000 PCLO=422521000 PCLO=099279000 PCLO=422521000 PCLX=210203000 PCLX=210209000 PCLX=210282000 PCLX=210454000 PCLX=422501000 PCLX=422521000 PCLX=422522000 PCLX=422523000</li> <li>• <b>CPC Code</b> A23L-001/30; A23L-002/52; C02F-001/00/1; C02F-001/00/3; C02F-001/00/4; C02F-001/00; C02F-001/28; C02F-001/68; C02F-2209/006; C02F-2307/02; C02F-2307/04; C02F-2307/06 Y10T-137/794</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Publication Information</b> US2005133420 A1 2005-06-23 [US20050133420]</li> <li>• <b>Priority Details</b> 2003US-60531004 2003-12-18 2004US-10825344 2004-04-15 2004US-11015395 2004-12-16 2004WO-US41800 2004-12-09 2004WO-US42676 2004-12-17 2008US-12102516 2008-04-14 2009US-12504548 2009-07-16 2010US-12720069 2010-03-09 2010US-12903027 2010-10-12 2012US-13419268 2012-03-13</li> </ul>																																																																																
<ul style="list-style-type: none"> <li>• <b>Fampat family</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">US2005133420</td> <td style="width: 10%;">A1</td> <td style="width: 20%;">2005-06-23</td> <td style="width: 40%;">[US20050133420]</td> </tr> <tr> <td>US2005133427</td> <td>A1</td> <td>2005-06-23</td> <td>[US20050133427]</td> </tr> <tr> <td>WO2005060686</td> <td>A2</td> <td>2005-07-07</td> <td>[WO2005060686]</td> </tr> <tr> <td>CA2553863</td> <td>A1</td> <td>2005-07-07</td> <td>[CA2553863]</td> </tr> <tr> <td>WO2005062763</td> <td>A2</td> <td>2005-07-14</td> <td>[WO2005062763]</td> </tr> <tr> <td>CA2553864</td> <td>A1</td> <td>2005-07-14</td> <td>[CA2553864]</td> </tr> <tr> <td>WO2005060686</td> <td>A3</td> <td>2005-12-08</td> <td>[WO2005060686]</td> </tr> <tr> <td>WO2005062763</td> <td>A3</td> <td>2007-01-18</td> <td>[WO2005062763]</td> </tr> <tr> <td>US7378015</td> <td>B2</td> <td>2008-05-27</td> <td>[US7378015]</td> </tr> <tr> <td>US2008190827</td> <td>A1</td> <td>2008-08-14</td> <td>[US20080190827]</td> </tr> <tr> <td>US2009272682</td> <td>A1</td> <td>2009-11-05</td> <td>[US20090272682]</td> </tr> <tr> <td>US7713482</td> <td>B2</td> <td>2010-05-11</td> <td>[US7713482]</td> </tr> <tr> <td>US2010166919</td> <td>A1</td> <td>2010-07-01</td> <td>[US20100166919]</td> </tr> <tr> <td>US2011024456</td> <td>A1</td> <td>2011-02-03</td> <td>[US20110024456]</td> </tr> <tr> <td>US8158084</td> <td>B2</td> <td>2012-04-17</td> <td>[US8158084]</td> </tr> <tr> <td>CA2553864</td> <td>C</td> <td>2012-10-30</td> <td>[CA2553864]</td> </tr> <tr> <td>US8309030</td> <td>B2</td> <td>2012-11-13</td> <td>[US8309030]</td> </tr> <tr> <td>US2013074958</td> <td>A1</td> <td>2013-03-28</td> <td>[US20130074958]</td> </tr> <tr> <td>US8480979</td> <td>B2</td> <td>2013-07-09</td> <td>[US8480979]</td> </tr> <tr> <td>CA2553863</td> <td>C</td> <td>2016-02-09</td> <td>[CA2553863]</td> </tr> </table> </li> </ul>		US2005133420	A1	2005-06-23	[US20050133420]	US2005133427	A1	2005-06-23	[US20050133427]	WO2005060686	A2	2005-07-07	[WO2005060686]	CA2553863	A1	2005-07-07	[CA2553863]	WO2005062763	A2	2005-07-14	[WO2005062763]	CA2553864	A1	2005-07-14	[CA2553864]	WO2005060686	A3	2005-12-08	[WO2005060686]	WO2005062763	A3	2007-01-18	[WO2005062763]	US7378015	B2	2008-05-27	[US7378015]	US2008190827	A1	2008-08-14	[US20080190827]	US2009272682	A1	2009-11-05	[US20090272682]	US7713482	B2	2010-05-11	[US7713482]	US2010166919	A1	2010-07-01	[US20100166919]	US2011024456	A1	2011-02-03	[US20110024456]	US8158084	B2	2012-04-17	[US8158084]	CA2553864	C	2012-10-30	[CA2553864]	US8309030	B2	2012-11-13	[US8309030]	US2013074958	A1	2013-03-28	[US20130074958]	US8480979	B2	2013-07-09	[US8480979]	CA2553863	C	2016-02-09	[CA2553863]
US2005133420	A1	2005-06-23	[US20050133420]																																																																														
US2005133427	A1	2005-06-23	[US20050133427]																																																																														
WO2005060686	A2	2005-07-07	[WO2005060686]																																																																														
CA2553863	A1	2005-07-07	[CA2553863]																																																																														
WO2005062763	A2	2005-07-14	[WO2005062763]																																																																														
CA2553864	A1	2005-07-14	[CA2553864]																																																																														
WO2005060686	A3	2005-12-08	[WO2005060686]																																																																														
WO2005062763	A3	2007-01-18	[WO2005062763]																																																																														
US7378015	B2	2008-05-27	[US7378015]																																																																														
US2008190827	A1	2008-08-14	[US20080190827]																																																																														
US2009272682	A1	2009-11-05	[US20090272682]																																																																														
US7713482	B2	2010-05-11	[US7713482]																																																																														
US2010166919	A1	2010-07-01	[US20100166919]																																																																														
US2011024456	A1	2011-02-03	[US20110024456]																																																																														
US8158084	B2	2012-04-17	[US8158084]																																																																														
CA2553864	C	2012-10-30	[CA2553864]																																																																														
US8309030	B2	2012-11-13	[US8309030]																																																																														
US2013074958	A1	2013-03-28	[US20130074958]																																																																														
US8480979	B2	2013-07-09	[US8480979]																																																																														
CA2553863	C	2016-02-09	[CA2553863]																																																																														

- **Abstract:**  
(WO2005060686)

An enhancement control system (300) that can be used as part of an enhanced water system to produce enhanced filtered water is described (Figure 3). The enhancement control system includes at least one enhancement delivery element that can dispense an enhancement(s) into water in response to an



enhancement delivery instruction(s); an input element (320) that can enable transmittal of the enhancement delivery instruction(s) from a user to the enhancement delivery element(s); a memory element (340) that can store information about the user and the user's preferences and information about the enhanced water system; a communication element (33) that can provide information from the enhanced water system to the user; a monitor element (350) that can gather data from outside the enhanced water system, such as user health information or environmental information, and provide the data to the enhanced water system. In some embodiments, a control logic element (310) can be used to coordinate and control operation of the elements of the enhanced water system.