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Declaration under Rule 4.17:
— of inventorship (Rule 4.17(iv))

[Continued on next page]

Abstract: A sprinkler device comprising a rod having a distribution plate secured thereto, the rod located relative to a nozzle adopted to emit a liquid onto the water distribution plate to thereby create a force on the rod in one direction; a support component including at least two retaining rings through which the rod passes; and a pair of magnets, one of which is fixed to the rod and the other of which is located in proximity to the one magnet, wherein poles of the magnets are arranged to create a repulsion force tending to move the rod in a second direction opposite the first direction.
Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
9 October 2008

(15) Information about Correction:
Previous Correction:
see Notice of 8 November 2007
# INTERNATIONAL SEARCH REPORT

**INTERNATIONAL APPLICATION NO.**

PCT/US07/06978

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC B05B 3/02 (2006 01)

USPC 239/222 11

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)

US 239/222 11,222 15,222 17,223,380-383, 389.DIG 11

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**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>US 6,494,384 B 1 (MEYER) 17 December 2002 (17 12 2002), figures</td>
<td>1-6, 11, 12, 17-20</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,141,158 (ALLEN) 25 August 1992 (25 08 1992), figures</td>
<td>1-6, 11, 12, 17-20</td>
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<td>A</td>
<td>US 6,806,605 B 1 (GABRYS) 19 October 2004 (19 10 2004), prior art</td>
<td>1-20</td>
</tr>
</tbody>
</table>

**D. Further documents are listed in the continuation of Box C**

- Special group *X* of cited documents
- Document defining the general state of the art which is not considered to be of particular relevance
- Earlier application or patent published on or after the international filing date
- Document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- Document referring to an oral disclosure, use, exhibition or other means
- Document published prior to the international filing date but later than the priority date claimed

**D. See patent family annex**

- 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
- Document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- Document member of the same patent family

**Date of the actual completion of the international search**

28 May 2008 (28 05 2008)

**Date of mailing of this international search report**

28 Aug 2008

**Name and mailing address of the ISA/JS**

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