Title: WATER SUPPLY OUTLET CAP

Abstract: An apparatus for covering or sealing Storz-type outlets is shown and described. The apparatus includes an outer cap portion having a continuous sidewall, a connector portion for connecting the outer cap portion to the water supply assembly and a sealing cap portion rotatably coupled to the outer cap portion and located at least partially within a void defined by the continuous sidewall, the sealing cap portion including a pliable sealing portion for forming a seal about the water supply outlet. The connector portion includes a pair of lugs and a pair of ramped lug guides associated with an inner surface of the continuous sidewall. The pair of ramped lug guides are provided for receiving a pair of lugs of the water supply assembly. A nut portion extends from an outer face of outer cap portion for engagement by a tool such as a wrench or socket for rotating the outer cap portion about the water supply outlet.

Declared under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(H))

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## INTERNATIONAL SEARCH REPORT

### A. CLASSIFICATION OF SUBJECT MATTER

**IPC(8)**: E03B 9/02 (2015.01)

**CPC**: E03B 9/02

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)**: E03B 9/02 (2015.01)

**CPC**: E03B 9/02

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

**IPC (8)**: E03B 9/02 (2015.01) USPC: 137/296,384; 220/284,286,293,301; 251/148; 285/80,95,272,401 CPC: A62C 33/00,35/20; E03B 9/02: F16L 37/252 (keyword limited; terms below)

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

PathBase; PubWEST (PGPB,USPT,USOC,EPAB,JPAB); Google (Patents,Scholar,Web) Search terms used: fire hydrant water supply cap plug swivel rotary seal gasket annular independent move o-ring end nut lug ramp Storz central axial pipe connect close cover tubular couple center post shaft axle pivotal relative stationary free support by within

### 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>
</table>
| X         | US 4,813,569 A (RUIZ) 21 March 1989 (21.03.1989), entire document, especially Fig 1-3; col 1, In 33-34; col 2, In 8-12, In 60-64; col 3, In 8-9, In 18-23, In 44-46, In 51-52; col 4, In 33-45, In 63-64 | 10
|           |                                                                                  | 1-6, 8-21             |
| Y         | US 6,102,444 A (KOZEY) 15 August 2000 (15.08.2000), entire document, especially Fig 1, 2, 6, 7; col 1, In 4-1; col 3, In 50-65; col 5, In 1-4, In 7, In 16-17, In 22-31, In 45-51 | 1-21
| Y         | US 2008/0209963 A (TREMPALA) 04 September 2008 (04.09.2008), entire document, especially Fig 2; para (0003), (0021), (0026)-(0027), (0039), (0045), (0047) | 1,7
| A         | US 7,387,320 B2 (KOZEY), 17 June 2008 (17.06.2008), entire document | 1-21 |

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:  
   "A" document defining the general state of the art which is not considered to be of particular relevance  
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**"V"** 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

Date of the actual completion of the international search: 02 February 2015 (02.02.2015)

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