A beverage container having a display

Abstract: A beverage container combines the normal utility of a mug that stores and transports substances such as a liquid, with a display means that exhibits information such as time, temperature, messages and a combination thereof. The beverage container comprises a container body having a protruding portion with a recess, a display arranged in the recess, and a cover for coupling to the protruding portion for providing an air- and liquid-tight seal around the display. The display, which is for displaying at least a time or a temperature, is heat resistant and protected by the cover and the seal so that the container can be safely cleaned in a dishwasher without adversely impacting the functions of the display.

Published:
— with international search report

(88) Date of publication of the international search report: 14 February 2008
### INTERNATIONAL SEARCH REPORT

**International application No.**
PCT/US 06/08155

**A: CLASSIFICATION OF SUBJECT MATTER**
- IPC(8) - B65D 85/00 (2007.01)
- USPC - 206/459.1

**B: FIELDS SEARCHED**
- Minimum documentation searched (classification system followed by classification symbols)
  - USPC: 206/459.1
  - IPC(8): B65D 85/00 (2007.01)

**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>

* Special categories of cited documents:
  - "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent but published on or after the international filing date
  - "L" document which may throw doubts on priority claims or which is cited to establish the publication date of another citation or other special reason (as specified)
  - "O" document referring to an oral disclosure, use, exhibition or other means
  - "P" document published prior to the international filing date but later than the priority date claimed
  - "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
  - "X" 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
  - "Y" 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
  - "Z" document member of the same patent family

**Date of the actual completion of the international search**
23 August 2007 (23.08.2007)

**Date of mailing of the international search report**
30 OCT 2007

**Name and mailing address of the ISA/US**
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

**Authorized officer:**
Lee W. Young

PCT INP: 571-273-4300
PCT OSP: 571-273-7774