Title: VENT FOR ELECTROCHEMICAL CELL

Abstract: An electrochemical cell includes a housing having a first end and a vent located at the first end that is configured to deploy from the housing to allow the expulsion of gases from within the cell. The electrochemical cell also includes at least one projection extending outward from the first end adjacent the vent. The at least one projection is configured to prevent accidental deployment of the vent.
# INTERNATIONAL SEARCH REPORT

## A. CLASSIFICATION OF SUBJECT MATTER

**HOlM 2/12(2006.01)1, HOlM 2/10(2006.01)1, HOlM 2/22(2006.01)1, B60L 11/18(2006.01)1**

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)

**HOIM 2/12, HOIM 2/08, B65D 51/16, HOIM 2/02, HOIM 2/00**

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

- Korean utility models and applications for utility models
- Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
- eKOMPASS(KIPO internal) & Keywords: vent, pressure relief, deploy

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
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<tr>
<td>A</td>
<td>US 6562508 Bl (SATOH; KOICHI et a1.) 13 May 2003 See abstract and column 2, line 15 - column 6, line 63.</td>
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<td>A</td>
<td>US 2008-0171260 Al (KIM YONG-SAM et al.) 17 July 2008 See abstract, claims 1-6 and figures 2-4.</td>
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<td>A</td>
<td>US 6346342 Bl (LI ; HUAXIN) 12 February 2002 See abstract, claims 1-10 and figures 1-7.</td>
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- Further documents are listed in the continuation of Box C
- **See patent family annex**

* 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 claim(s) or which is cited to establish the publication date of 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
- "&" document member of the same patent family

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

25 OCTOBER 2010 (25 10 2010)

**Date of mailing of the international search report**

26 OCTOBER 2010 (26.10.2010)

Name and mailing address of the ISA/KR

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Authorized officer

LEE, Kang Young

Telephone No 82-42-481-5583

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