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[Continued on next page]

(54) Title: ELECTROCHEMICAL CELL LABELS AND ACCESSORIES

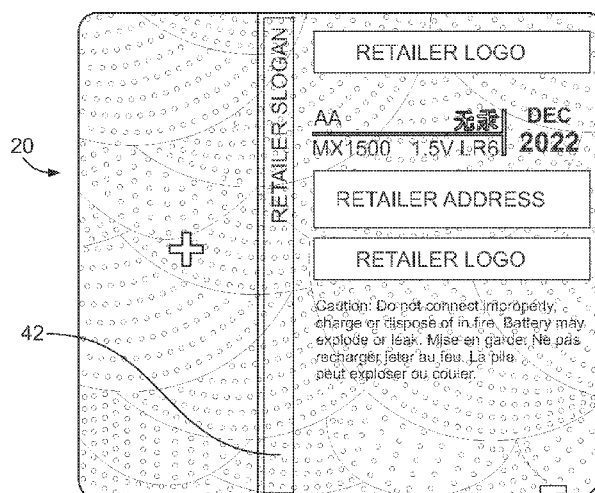


FIG. 25

(57) Abstract: A battery includes a first terminal, a second terminal, body connecting the first and second terminals, and an outer layer or label. The label may be provided with a sealant or absorbent feature configured to seal and/or absorb at least a portion of a material leaking from a battery associated with battery assembly label. The label may alternatively comprise a quick response code. The label may alternatively comprise an anti-counterfeiting security feature. The label may alternatively be provided with a designated area that is distinguished from at least one other portion of the battery assembly label and sized and configured to receive markings from a writing utensil.



UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. H01M2/02 H01M2/34 H01M10/04 H01M10/42 H01M6/50
ADD.

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)
H01M

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)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94/19835 A1 (DURACELL INC [US]) 1 September 1994 (1994-09-01)	1
A	page 8, line 10 - page 9, line 2 -----	2-7
X	WO 00/11732 A1 (EVEREADY BATTERY INC [US]) 2 March 2000 (2000-03-02)	1
A	page 28, line 19 - page 29, line 25 -----	2-7
X	EP 2 214 224 A1 (PANASONIC CORP [JP]) 4 August 2010 (2010-08-04) paragraph [0008] - paragraph [0009] paragraph [0021] paragraph [0030] -----	8-12
X	GB 2 475 612 A (YAO CHIH-ANG [TW]) 25 May 2011 (2011-05-25) page 3, line 22 - page 5, line 9 ----- -/-	13-15



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

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"L" 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)

"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

19 July 2013

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 755 097 A1 (RESEARCH IN MOTION LTD [CA]) 21 February 2007 (2007-02-21) paragraph [0050] - paragraph [0057] -----	13,14
X	US 2006/038572 A1 (PHILBROOK JOHN S [US]) 23 February 2006 (2006-02-23) paragraph [0012] - paragraph [0014] paragraph [0016] -----	13,14
X	US 2008/024268 A1 (WONG HONG W [US] ET AL) 31 January 2008 (2008-01-31) paragraph [0013] - paragraph [0015] paragraph [0016] - paragraph [0018] paragraph [0020] paragraph [0023] paragraph [0026] - paragraph [0027] -----	13
X	EP 2 157 632 A1 (SONY CORP [JP]) 24 February 2010 (2010-02-24) paragraph [0039] paragraph [0074] -----	16-20
X	EP 1 995 803 A1 (SAMSUNG SDI CO LTD [KR]) 26 November 2008 (2008-11-26) paragraph [0056] - paragraph [0057] -----	16-19

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2013/022671

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-7

A battery assembly label comprising a sealant or absorbent feature configured to seal and/or absorb at least a portion of a material leaking from a battery associated with battery assembly label.

2. claims: 8-12

A battery assembly label comprising a quick response code.

3. claims: 13-15

A battery assembly label comprising an anti-counterfeiting security feature.

4. claims: 16-20

A battery assembly label comprising a designated area that is distinguished from at least one other portion of the battery assembly label and sized and configured to receive markings from a writing utensil.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2013/022671

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