

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P42453PCAU</b>	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/AU2018/050832</b>	International filing date ( <i>day/month/year</i> ) 08 August 2018	(Earliest) Priority Date ( <i>day/month/year</i> ) 08 August 2017	
Applicant <p align="center">CAPE BOUVARD TECHNOLOGIES PTY LTD</p>			
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of <b>4</b> sheets. <input type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.			
<p>1. <b>Basis of the report</b></p> <p>a. With regard to the <b>language</b>, the international search was carried out on the basis of:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> The international application in the language in which it was filed.</p> <p style="margin-left: 20px;"><input type="checkbox"/> A translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).</p> <p>b. <input type="checkbox"/> This international search report has been established taking into account the <b>rectification of an obvious mistake</b> authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).</p> <p>c. <input type="checkbox"/> With regard to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> <b>Certain claims were found unsearchable</b> (See Box No. II).</p> <p>3. <input type="checkbox"/> <b>Unity of invention is lacking</b> (See Box No. III).</p> <p>4. With regard to the <b>title</b>,</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="margin-left: 20px;"><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the <b>abstract</b>,</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p style="margin-left: 20px;"><input type="checkbox"/> the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the <b>drawings</b>,</p> <p>a. the figure of the <b>drawings</b> to be published with the abstract is Figure No. <b>7</b></p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> as suggested by the applicant.</p> <p style="margin-left: 20px;"><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p style="margin-left: 20px;"><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p>			

## A. CLASSIFICATION OF SUBJECT MATTER

**H01M 2/02 (2006.01) B32B 3/12 (2006.01) B60K 1/04 (2006.01)**

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)

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)

Databases: PATENW, Espacenet, Google Patents, Google, Auspat

CPC/IPC: B60K1/00, B60L11/00, H01M2/00, B32B3/12, B62D21/00, H01M2/10

Keywords: battery, cell, container, core, electric, hexagonal, honeycomb, layer, structural, laminate, bonded, adhere, vehicle and similar terms in various combinations. Applicant and Inventor names.

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Documents are listed in the continuation of Box C		



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	"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	
"E" earlier application or patent but published on or after the international filing date	"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	
"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)	"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	
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search  
10 September 2018Date of mailing of the international search report  
10 September 2018

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INTERNATIONAL SEARCH REPORT C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		International application No. <b>PCT/AU2018/050832</b>
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 206067471 U (SHENZHEN OPTIMUM BATTERY CO) 05 April 2017 items 10, 22, 30, 40, 50, 221; figure 2; abstract	1-12
X	CN 205916190 U (SHENZHEN OPTIMUM BATTERY CO) 01 February 2017 items 12, 14, 16, 20, 30 & 40; figures 1 & 3-5; and paragraphs [0012] & [0025]-[0028]	1-12
X	KR 10-1730265 B1 (KOREA AEROSPACE RES INST) 27 April 2017 items 210, 220, 230 & 240; figures 1-4; and paragraphs [0010]-[0023]	1-10
X	CN 205706860 U (SHENZHEN MINFUWONENG NEW ENERGY AUTOMOBILE CO LTD) 23 November 2016 items 12, 14, 16, 30 & 40; figures 1-3; and paragraphs [0021]-[0034]	1-12

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2018/050832**

This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

<b>Patent Document/s Cited in Search Report</b>		<b>Patent Family Member/s</b>	
<b>Publication Number</b>	<b>Publication Date</b>	<b>Publication Number</b>	<b>Publication Date</b>
CN 206067471 U	05 April 2017		
CN 205916190 U	01 February 2017		
KR 10-1730265 B1	27 April 2017	KR 101730265 B1	27 Apr 2017
CN 205706860 U	23 November 2016		

**End of Annex**