

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/085410

A. CLASSIFICATION OF SUBJECT MATTER**H01M 2/04**(2006.01)i; **H01M 2/12**(2006.01)j

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	US 2007166606 A1 (BRECHT WILLIAM B [US] ET AL) 19 July 2007 (2007-07-19) abstract figures 2a, 2b claims 1,2,7,28,32	1-7,9-28
X	EP 0576138 A1 (GNB IND BATTERY CO [US]) 29 December 1993 (1993-12-29) abstract figures 2,4 column 6, line 44 - column 7, line 11 claims 1,2,9	1,6-8,13,14, 16-19,22,26,27
X	US 2002135487 A1 (BOWLING MICHAEL [US]) 26 September 2002 (2002-09-26) abstract paragraphs [0006], [0007], [0044] claims 1, 3-6	1-6,8,13-20,22

 Further documents are listed in the continuation of Box C.
 See patent family annex.

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“A” document defining the general state of the art which is not considered to be of particular relevance

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“P” document published prior to the international filing date but later than the priority date claimed

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“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

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“&” document member of the same patent family

Date of the actual completion of the international search

28 February 2020

Date of mailing of the international search report

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Name and mailing address of the ISA/EP

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
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				KR	20080094062	A	22 October 2008
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				WO	2007084685	A2	26 July 2007
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				KR	940001480	A	11 January 1994
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US	2002135487	A1	26 September 2002	US	2002135487	A1	26 September 2002
				WO	02077944	A1	03 October 2002