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[Continued on next page]

(54) **Title**: OHMICALLY MODULATED BATTERY

(57) **Abstract**: A rechargeable battery whose ohmic resistance is modulated according to temperature is disclosed.

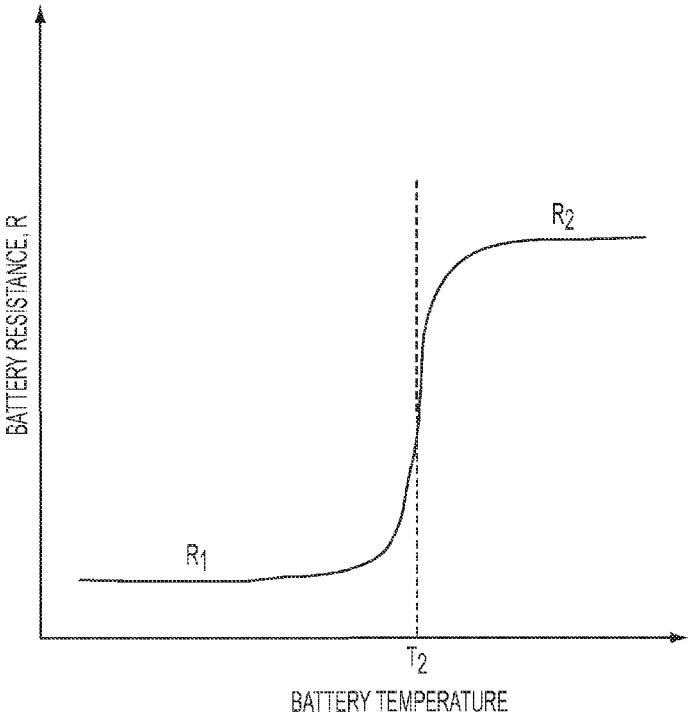


FIG. 1

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

H01M 10/0525(2010.01)i, H01M 10/058(2010.01)i, H01M 10/637(2014.01)i

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 10/0525; B60L 3/00; B60L 11/18; H01M 10/50; H01H 61/00; H01M 10/44; H01M 10/058; H01M 10/637

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: ohmical, modulating, battery

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2010-205710 A (TOYOTA MOTOR CORPORATION) 16 September 2010 See abstract; paragraphs [0002] and [0007]-[0042]; claim 1; figures 1-4.	1,22
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Y	US 2010-0173179 A1 (MATTHIAS, WOLF) 8 July 2010 See abstract; paragraphs [0018]-[0030]; claims 1-20; figures 1-3.	2-21,23-25
Y	JP 2009-118729 A (DENSO CORPORATION) 28 May 2009 See abstract; paragraphs [0044]-[0045], [0058]-[0061], [0101], [0125]-[0134] and [0139]; claims 1-8 and 13-16; figures 2, 4, 15 and 21-22.	6,12-19
Y	US 2006-0275653 A1 (CHANG, SUNG KYUN et al.) 7 December 2006 See abstract; paragraphs [0035]-[0046]; claims 1-20; figures 1-2.	9-10
X	JP 2012-069280 A (DENSO CORPORATION) 5 April 2012 See abstract; paragraphs [0025]-[0026], [0033]-[0037], [0048], [0083]; claims 1-2; and figures 2-3.	1,20-22

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:
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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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