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(54) Title: METHOD AND PRODUCT FOR IMPROVING PERFORMANCE OF BATTERIES/FUEL CELLS

(57) Abstract: A method of improving the performance of magnesium containing electrodes used in metal/air batteries (fuel cells), comprising the addition of one or more additives to the electrolyte or electrode surface. The additives are selected from any of the following groups: dithioburet, tin, and tin plus a quaternary ammonium salt.

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01M12/06 H01M12/02 H01M4/62 H01M4/06 H01M4/46
 H01M6/16

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)
 IPC 7 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 practical, search terms used)
 WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 354 752 A (ALCAN INT LTD) 14 February 1990 (1990-02-14) page 2, line 18 - line 31 page 2, line 43 - line 59 page 3, line 39 - page 4, line 21 page 5, line 24 - line 26 examples 1,3-5,10-12 claims 1-7 ---	1-4, 13-17,26
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document 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 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
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Date of the actual completion of the international search 20 November 2003	Date of mailing of the international search report 28/11/2003
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Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Götz, H
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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 376 471 A (HUNTER JOHN A ET AL) 27 December 1994 (1994-12-27) column 3, line 29 - line 49 column 6, line 11 - line 33 column 16, line 34 - line 36 examples 1,6 claims 4-6,12 -----	1,3, 13-15,26

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