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(54) Title: ELECTRODE SUITABLE AS HYDROGEN-EVOLVING CATHODE

(57) Abstract: The invention relates to a cathode for hydrogen evolution in electrolysis cells, for instance chlor-alkali cells or cells for producing chlorate or hypochlorite, obtained starting from a substrate of nickel or other conductive material galvanically coated with nickel co-deposited with an amorphous molybdenum oxide.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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)
C25B

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)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 323 595 A (CLETUS N. WELCH) 6 April 1982 (1982-04-06) column 3, line 26 - line 64 column 4, line 21 - line 23 -----	1
A	DATABASE CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 2003, XIE, ZHIHUA ET AL: "Preparation and characterization of a new type of active cathode material" XP002529370 retrieved from STN Database accession no. 139:156440 abstract & CAILIAO YANJIU XUEBAO , 17(1), 83-86 CODEN: CYXUEV; ISSN: 1005-3093, 2003, ----- -/--	1

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

☒ See patent family annex.

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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.
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INTERNATIONAL SEARCH REPORT

Information on patent family members.

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