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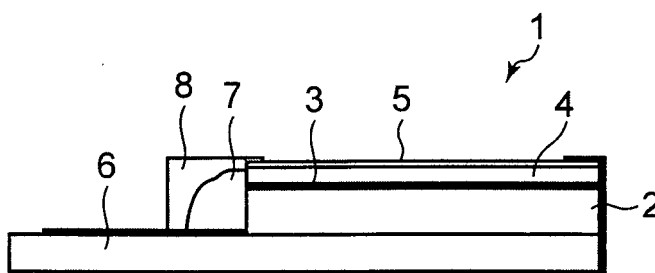
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(54) **Electrode for electrolysis and electrolysis unit**

(57) There are disclosed an electrode for electrolysis capable of efficiently forming ozone by electrolysis of an electrolytic solution (e.g., water) at ordinary temperature with a low current density, and an electrolysis unit using the electrode. The electrode for electrolysis includes a

substrate and a surface layer formed on the surface of the substrate, and the surface layer is made of an amorphous insulator, for example, a thin film of amorphous tantalum oxide, amorphous tungsten oxide or amorphous aluminum oxide.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 08 00 3969

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2007/034505 A1 (MINEO IKEMATSU) 15 February 2007 (2007-02-15) * page 3, paragraph 40 - paragraph 46 * * page 5, paragraph 66 - paragraph 67 * * page 6, paragraphs 70,75 * -----	1-7	INV. C25B11/04 C25B1/13
			TECHNICAL FIELDS SEARCHED (IPC) C25B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 April 2009	Examiner Martins Lopes, Luis
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

3
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3