

Title (en)
DEVICE FOR AND METHOD OF GENERATING OZONE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG VON OZON

Title (fr)
DISPOSITIF ET PROCEDE DE PRODUCTION D'OZONE

Publication
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Application
EP 04710771 A 20040213

Priority
• CN 2004000120 W 20040213
• US 44794803 P 20030214

Abstract (en)
[origin: WO2004072329A1] The present invention can provide an electrode member having a substrate member and a coating member. The substrate member can be made of a material selected from the group consisting of titanium, gold coated titanium and other inert conducting materials. The coating member can have a tin dioxide modified by antimony. The electrode member of the present invention can be used for direct generation of ozone in water or through water into a gaseous state.

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C25B 11/04; **C25B 1/13**; **C25B 9/00**

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CPC (source: EP US)
C25B 1/13 (2013.01 - EP US); **C25B 11/091** (2021.01 - EP US); **Y10T 428/12063** (2015.01 - EP US)

Citation (search report)
• [X] US 3627669 A 19711214 - ENTWISLE JOHN HUBERT, et al
• [X] DATABASE CA CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 8 June 1998 (1998-06-08), BEAUFILS, Y: "Use of Ti/IrO₂/SnO₂-Sb₂O₅ electrodes for ozone production", XP002363579, Database accession no. 128:287703
• See references of WO 2004072329A1

Designated contracting state (EPC)
DE FR GB

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WO 2004072329 A1 20040826; CN 1751140 A 20060322; CN 1751140 B 20110202; EP 1597415 A1 20051123; EP 1597415 A4 20060405; US 2004226829 A1 20041118; US 2008257750 A1 20081023; US 2012138479 A1 20120607

DOCDB simple family (application)
CN 2004000120 W 20040213; CN 200480004286 A 20040213; EP 04710771 A 20040213; US 11218908 A 20080430; US 201213370452 A 20120210; US 78030904 A 20040217