

Title (en)
Electrode

Title (de)
Elektrode

Title (fr)
Electrode

Publication
EP 1489200 A1 20041222 (EN)

Application
EP 03445079 A 20030619

Priority
EP 03445079 A 20030619

Abstract (en)
The present invention relates to a process for manufacturing an electrode comprising depositing on an electrode substrate a binder dispersion comprising a precursor of a conductive or semiconductive oxide, forming a conductive or semiconductive oxide coating from the precursor on the electrode substrate, depositing an electroconductive titanium oxide and electrode particles on the conductive or semiconductive oxide coating, adhering the electroconductive titanium oxide and the electrode particles to the formed conductive or semiconductive oxide coating. The invention also relates to an electrode obtainable by the process, and the use thereof in an electrolytic cell.

IPC 1-7
C25B 11/04

IPC 8 full level
C25B 11/04 (2006.01)

CPC (source: EP)
C25B 11/073 (2021.01); **C25B 11/091** (2021.01)

Citation (search report)
• [X] US 3711382 A 19730116 - ANTHONY P
• [XA] US 4086157 A 19780425 - KOZIOL KONRAD, et al
• [A] US 4039400 A 19770802 - HAYFIELD PETER CHARLES STEELE
• [A] US 4392927 A 19830712 - FABIAN PETER [DE], et al
• [A] US 5900127 A 19990504 - IIDA MASAMORI [JP], et al

Cited by
US7232508B2; EP2287363A3; CN111918983A; EP3767009A4; US7217347B2; EP1468965B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1489200 A1 20041222; BR PI0411618 A 20060808; CA 2529190 A1 20041223; CA 2529190 C 20110809; CN 1798878 A 20060705; CN 1798878 B 20101013; EP 1633910 A2 20060315; JP 2006527794 A 20061207; JP 4804350 B2 20111102; NO 20060283 L 20060119; WO 2004111310 A2 20041223; WO 2004111310 A3 20050324

DOCDB simple family (application)
EP 03445079 A 20030619; BR PI0411618 A 20040607; CA 2529190 A 20040607; CN 200480015183 A 20040607; EP 04736292 A 20040607; JP 2006517022 A 20040607; NO 20060283 A 20060119; SE 2004000885 W 20040607