

Title (en)  
DEVICE AND METHOD FOR IMPROVED ELECTROCHEMICAL CELL

Title (de)  
VORRICHTUNG UND VERFAHREN FÜR EINE VERBESSERTE ELEKTROCHEMISCHE ZELLE

Title (fr)  
DISPOSITIF ET PROCÉDÉ AMÉLIORANT UNE PILE ÉLECTROCHIMIQUE

Publication  
**EP 2304829 A1 20110406 (EN)**

Application  
**EP 09800608 A 20090714**

Priority  
• NL 2009050433 W 20090714  
• NL 1035728 A 20080721

Abstract (en)  
[origin: WO2010011135A1] The present invention relates to a device and a method for performing electrochemical/biological reactions, like biological oxidation of a biological compound. The device comprises: - an anode compartment provided with an anode, placed in an anode fluid comprising reagents for an oxidation reaction; and - a cathode compartment that is separated from the anode compartment, the cathode compartment provided with a cathode placed in a cathode fluid, wherein at least one of the anode and cathode compartments, and at least one of the anode and cathode, are arranged such that at least one of the anode fluid and cathode fluid flows at least partially through at least one of the anode and cathode.

IPC 8 full level  
**H01M 4/86** (2006.01); **H01M 8/00** (2006.01); **H01M 8/16** (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP)  
**H01M 4/8605** (2013.01); **H01M 8/004** (2013.01); **H01M 8/16** (2013.01); **H01M 8/2455** (2013.01); **H01M 8/2465** (2013.01); **H01M 8/248** (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)  
See references of WO 2010011135A1

Citation (examination)  
WO 8002298 A1 19801030 - OCCIDENTAL RES CORP [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010011135 A1 20100128**; CN 102099949 A 20110615; CN 102099949 B 20140430; EP 2304829 A1 20110406; NL 1035728 C2 20100122

DOCDB simple family (application)  
**NL 2009050433 W 20090714**; CN 200980128254 A 20090714; EP 09800608 A 20090714; NL 1035728 A 20080721