

Title (en)
METHOD FOR PRODUCING A DEVICE FOR ELECTROCHEMICALLY DETECTING MOLECULES BY MEANS OF REDOX-CYCLING, AND
DEVICE THEREFOR AND USE THEREOF

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER VORRICHTUNG ZUM ELEKTROCHEMISCHEN NACHWEIS VON MOLEKÜLEN MITTELS REDOX-
CYCLING, SOWIE VORRICHTUNG HIERZU UND DEREN VERWENDUNG

Title (fr)
PROCÉDÉ DE FABRICATION D'UN DISPOSITIF DE DÉTECTION ÉLECTROCHIMIQUE DE MOLÉCULES AU MOYEN DE CYCLES REDOX,
DISPOSITIF PERMETTANT LA MISE EN OEUVRE DUDIT PROCÉDÉ ET SON UTILISATION

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Application
EP 16726763 A 20160409

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Abstract (en)
[origin: WO2016180385A1] The invention relates to a method for producing a device for electrochemically detecting molecules by means of redox-cycling, and to a device therefore and use thereof. A porous dielectric layer, which can absorb redoxactive molecules, is arranged between two electrode layers and is eventually biofunctionalised. The individual layers are applied, preferably, by means of a ink jet printing method.

IPC 8 full level
G01N 27/49 (2006.01); **C12Q 1/68** (2018.01); **G01N 27/327** (2006.01); **G01N 33/543** (2006.01)

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B41J 2/01 (2013.01 - US); **C09D 11/00** (2013.01 - US); **C09D 11/322** (2013.01 - EP US); **C09D 11/52** (2013.01 - US);
C09D 11/54 (2013.01 - EP US); **C12Q 1/001** (2013.01 - EP US); **C12Q 1/68** (2013.01 - EP US); **G01N 27/327** (2013.01 - US);
G01N 27/3277 (2013.01 - EP US); **G01N 27/3278** (2013.01 - US); **G01N 27/49** (2013.01 - US); **G01N 33/48721** (2013.01 - US);
G01N 33/5438 (2013.01 - EP US); **H05K 1/00** (2013.01 - EP US); **G01N 27/3276** (2013.01 - EP US); **G01N 27/3278** (2013.01 - EP);
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Citation (search report)
See references of WO 2016180385A1

Cited by
US10694872B2

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