

Title (en)

TAILORED LAYERS OF CELLULOSE DISPERSIONS FOR DETECTING ANALYTES

Title (de)

MAßGESCHNEIDERTE SCHICHTEN AUS CELLULOSE-DISPERSIONEN ZUM NACHWEIS VON ANALYTEN

Title (fr)

COUCHES FAITES SUR MESURE À PARTIR DE DISPERSIONS DE CELLULOSE POUR LA DÉTECTION D'ANALYTES

Publication

**EP 3856139 A1 20210804 (DE)**

Application

**EP 19779792 A 20190924**

Priority

- DE 102018007556 A 20180924
- EP 2019075698 W 20190924

Abstract (en)

[origin: WO2020064723A1] The present invention relates to a method for producing a cellulose layer for detecting at least one analyte, comprising (i) producing a cellulose layer by applying a stable dispersion of cellulose and/or a cellulose derivative to a suitable carrier, and (ii) immobilizing at least one ligand on the cellulose layer. The invention also relates to a cellulose layer produced according to said method. The present invention additionally relates to associated detection methods, devices, kits and uses.

IPC 8 full level

**A61K 9/00** (2006.01); **C08L 1/02** (2006.01); **C08L 1/12** (2006.01)

CPC (source: EP US)

**A61B 5/14532** (2013.01 - EP); **A61B 5/14546** (2013.01 - EP); **C08L 1/02** (2013.01 - EP US); **C08L 1/12** (2013.01 - EP); **C09D 101/02** (2013.01 - EP US); **G01N 33/548** (2013.01 - US); **A61B 5/082** (2013.01 - US); **A61B 2562/125** (2013.01 - EP); **C08L 2203/02** (2013.01 - US); **C08L 2205/025** (2013.01 - US); **G01N 21/6456** (2013.01 - US); **G01N 2400/26** (2013.01 - US)

Citation (search report)

See references of WO 2020064723A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020064723 A1 20200402**; EP 3856139 A1 20210804; US 2022081538 A1 20220317

DOCDB simple family (application)

**EP 2019075698 W 20190924**; EP 19779792 A 20190924; US 201917279064 A 20190924