

Title (en)

ASSAY AND POINT OF CARE DEVICE UTILIZING SALIVA FOR DIAGNOSIS AND TREATMENT OF NEUROLOGICAL CONDITIONS AFFECTED  
BRAIN HEALTH

Title (de)

ASSAY UND POINT-OF-CARE-VORRICHTUNG MIT VERWENDUNG VON SPEICHEL ZUR DIAGNOSE UND BEHANDLUNG VON  
NEUROLOGISCHEN, DIE GEHIRNGESUNDHEIT BEEINTRÄCHTIGENDEN ZUSTÄNDEN

Title (fr)

DOSAGE ET DISPOSITIF DE POINT D'INTERVENTION UTILISANT LA SALIVE POUR LE DIAGNOSTIC ET LE TRAITEMENT DE LA SANTÉ  
CÉRÉBRALE AFFECTÉE PAR DES AFFECTIONS NEUROLOGIQUES

Publication

**EP 3721228 A1 20201014 (EN)**

Application

**EP 18885650 A 20181129**

Priority

- US 201715833160 A 20171206
- US 2018062937 W 20181129

Abstract (en)

[origin: WO2019112863A1] The present invention relates to systems and methods for assessing brain health and detecting neurological conditions. The invention more particularly relates to systems and methods for diagnosing neurological conditions and analyzing brain health from analysis of a biological fluid sample, such as a saliva sample, that looks for and determines the significance of peripheral markers of blood-brain barrier disruption. The present invention further provides a diagnostic system and method with a higher negative predictive value of brain injury than currently known tests are able to provide, so as to reduce the need for computerized tomography or magnetic resonance imaging scans to affirmatively determine that brain or cerebrovascular injury has not occurred, and thus to improve suspected brain injury patient health care while reducing the expense of such care.

IPC 8 full level

**G01N 33/53** (2006.01); **G01N 33/543** (2006.01); **G01N 33/68** (2006.01); **G16H 50/20** (2018.01)

CPC (source: EP)

**G01N 33/54387** (2021.08); **G01N 33/54388** (2021.08); **G01N 33/6896** (2013.01); **G16H 50/20** (2017.12)

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 2019112863 A1 20190613**; EP 3721228 A1 20201014; EP 3721228 A4 20211215

DOCDB simple family (application)

**US 2018062937 W 20181129**; EP 18885650 A 20181129