

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 A4 20211215 (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)

Citation (search report)
• [Y] US 2015268252 A1 20150924 - SVETLOV STANISLAV I [US], et al
• [Y] US 2016203280 A1 20160714 - NEVILLE THOMAS [US]
• [Y] WO 2014075939 A1 20140522 - SIEMENS AG [DE], et al
• [Y] US 2014242612 A1 20140828 - WANG SHUQI [US], et al
• See references of WO 2019112863A1

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

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