

Title (en)
MONITORING STRUCTURAL FEATURES OF CEREBRAL BLOOD FLOW VELOCITY FOR DIAGNOSIS OF NEUROLOGICAL CONDITIONS

Title (de)
ÜBERWACHUNG DER STRUKTURMERKMALE EINER GEHIRNDURCHBLUTUNGSGESCHWINDIGKEIT ZUR DIAGNOSE VON NEUROLOGISCHEN LEIDEN

Title (fr)
SURVEILLANCE DE CARACTÉRISTIQUES STRUCTURALES DE LA VITESSE DU FLUX SANGUIN CÉRÉBRAL POUR LE DIAGNOSTIC D'AFFECTIONS NEUROLOGIQUES

Publication
EP 3068294 A1 20160921 (EN)

Application
EP 14805462 A 20141114

Priority

- US 201361905147 P 20131115
- US 201361905146 P 20131115
- US 201361905169 P 20131116
- US 201361905170 P 20131116
- US 201361905171 P 20131116
- US 201361905172 P 20131116
- US 201414214883 A 20140315
- US 2014065812 W 20141114

Abstract (en)
[origin: WO2015073903A1] The systems and methods described herein include a non-invasive diagnostic tool for intracranial hypertension (IH) detection and other neurological conditions like mild and moderate TBI that utilizes the transcranial Doppler (TCD) measurement of cerebral blood flow velocity (CBFV) in one or more cerebral vessels. A headset includes a TCD scanner which automatically locates various cerebral arteries and exerts an appropriate pressure on the head to acquire good CBFV signals.

IPC 8 full level
A61B 5/0285 (2006.01); **A61B 5/00** (2006.01); **A61B 5/03** (2006.01); **A61B 8/06** (2006.01)

CPC (source: EP)
A61B 5/0285 (2013.01); **A61B 5/031** (2013.01); **A61B 5/4064** (2013.01); **A61B 5/4094** (2013.01); **A61B 5/6814** (2013.01); **A61B 5/7221** (2013.01); **A61B 5/7246** (2013.01); **A61B 5/7267** (2013.01); **A61B 5/7278** (2013.01); **A61B 5/7282** (2013.01); **A61B 8/06** (2013.01); **A61B 8/0808** (2013.01); **A61B 8/0816** (2013.01); **A61B 8/0891** (2013.01); **A61B 8/4227** (2013.01); **A61B 8/429** (2013.01); **A61B 8/4427** (2013.01); **A61B 8/4461** (2013.01); **A61B 8/488** (2013.01); **A61B 8/5223** (2013.01); **G16H 50/30** (2017.12); **Y02A 90/10** (2017.12)

Citation (search report)
See references of WO 2015073903A1

Cited by
US11992302B2; US12004846B2; US11076797B2

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 2015073903 A1 20150521; EP 3068294 A1 20160921; JP 2016537173 A 20161201; JP 6545697 B2 20190717

DOCDB simple family (application)
US 2014065812 W 20141114; EP 14805462 A 20141114; JP 2016554529 A 20141114