

Title (en)  
METHOD AND SYSTEM TO CALCULATE QEEG

Title (de)  
VERFAHREN UND SYSTEM ZUR QEEG-BERECHNUNG

Title (fr)  
PROCÉDÉ ET SYSTÈME POUR CALCULER UN QEEG

Publication  
**EP 2967406 A4 20161026 (EN)**

Application  
**EP 14772675 A 20140305**

Priority  
• US 201313830742 A 20130314  
• US 2014020933 W 20140305

Abstract (en)  
[origin: WO2014158921A1] A system (20) and method (600) for calculating a quantitative EEG is disclosed herein. EEG signals are generated from an EEG machine (40) comprising electrodes (35), an amplifier (42) and processor (41). The EEG signals are processed continuously for artifact reduction to generate continuous artifact reduced EEG data. A quantitative EEG is computed using continuous artifact reduced EEG data in near real time.

IPC 8 full level  
**A61B 5/0476** (2006.01)

CPC (source: EP US)  
**A61B 5/291** (2021.01 - EP US); **A61B 5/374** (2021.01 - EP); **A61B 5/7214** (2013.01 - EP); **A61B 5/7282** (2013.01 - EP)

Citation (search report)  
• [X] WO 02064024 A2 20020822 - JORDAN NEUROSCIENCE INC [US], et al  
• [X] US 2011130675 A1 20110602 - BIBIAN STEPHANE [US], et al

Citation (examination)  
• MICHAEL GUESS: "Persyst Routine & Ambulatory Quick Start Video", YOU TUBE, 24 May 2012 (2012-05-24), pages 1, XP054978192, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=qTIEhhqmPbw> [retrieved on 20180316]  
• MICHAEL GUESS: "Persyst Rhythmicity Spectrogram Case Study", 24 May 2012 (2012-05-24), XP054978180, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=zTWgv5gDjTU> [retrieved on 20180313]  
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• See also references of WO 2014158921A1

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 2014158921 A1 20141002**; CN 105188525 A 20151223; EP 2967406 A1 20160120; EP 2967406 A4 20161026; JP 2016514022 A 20160519; JP 6612733 B2 20191127

DOCDB simple family (application)  
**US 2014020933 W 20140305**; CN 201480015378 A 20140305; EP 14772675 A 20140305; JP 2016500691 A 20140305