

Title (en)

METHOD AND APPARATUS OF MONITORING A PATIENT FOR MOTOR MANIFESTATIONS INCLUDING SEIZURE ACTIVITY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINES PATIENTEN AUF MOTORISCHE MANIFESTATIONEN EINSCHLIESSLICH ANFALLSAKTIVITÄT

Title (fr)

PROCÉDÉ ET APPAREIL DE SURVEILLANCE D'UN PATIENT EN VUE DE MANIFESTATIONS MOTRICES COMPRENANT UNE ACTIVITÉ ÉPILEPTIQUE

Publication

EP 3236845 A4 20180829 (EN)

Application

EP 15873833 A 20151223

Priority

- US 201462096331 P 20141223
- US 201562149434 P 20150417
- US 201514920665 A 20151022
- US 2015000475 W 20151223

Abstract (en)

[origin: WO2016105571A1] Methods and apparatuses are described for qualifying peaks included among a collected EMG signal and include methods where various test groupings of peaks may be constructed from among a group of peaks. Methods and apparatuses herein may facilitate identification of patterns of abnormal motor manifestation, initiation of alarms if those patterns are identified, and the organization of data for inclusion in a searchable medical database.

IPC 8 full level

A61B 5/0488 (2006.01); **A61B 5/00** (2006.01)

CPC (source: EP US)

A61B 5/389 (2021.01 - EP US); **A61B 5/4094** (2013.01 - EP); **A61B 5/7203** (2013.01 - EP); **A61B 5/7282** (2013.01 - EP); **A61B 5/746** (2013.01 - EP)

Citation (search report)

- [A] KLEINE ET AL: "Using two-dimensional spatial information in decomposition of surface EMG signals", JOURNAL OF ELECTROMYOGRAPHY AND KINESIOLOGY, ELSEVIER, AMSTERDAM, NL, vol. 17, no. 5, 6 August 2007 (2007-08-06), pages 535 - 548, XP022206911, ISSN: 1050-6411, DOI: 10.1016/J.JELEKIN.2006.05.003
- See references of WO 2016105571A1

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 2016105571 A1 20160630; AU 2015371205 A1 20170706; AU 2015371205 B2 20180524; BR 112017013118 A2 20171226; CA 2971095 A1 20160630; EP 3236845 A1 20171101; EP 3236845 A4 20180829; JP 2018500111 A 20180111; MX 2017008310 A 20171026

DOCDB simple family (application)

US 2015000475 W 20151223; AU 2015371205 A 20151223; BR 112017013118 A 20151223; CA 2971095 A 20151223; EP 15873833 A 20151223; JP 2017533944 A 20151223; MX 2017008310 A 20151223