Title (en)
SYSTEM AND METHOD OF PROCESSING ELECTROMYOGRAPHIC SIGNALS FOR THE DIAGNOSIS OF PARKINSON'S DISEASE

Title (de)
SYSTEM UND VERFAHREN ZUR VERARBEITUNG VON ELEKTROMYOGRAPHISCHEN SIGNALEN FÜR DIE DIAGNOSE DER PARKINSON KRANKHEIT

Title (fr)
SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX ELECTROMYOGRAPHIQUES POUR LE DIAGNOSTIC DE LA MALADIE DE PARKINSON

Publication
EP 1588280 A2 20051026 (EN)

Application
EP 03815575 A 20030731

Priority
- IT 0300486 W 20030731
- IT FI20030024 A 20030131

Abstract (en)
[origin: WO2004066832A2] A method of processing electromyographic signals (f(t), g(t)) for the diagnosis of Parkison's disease in a patient, comprising a processing step based on a Wavelet analysis of said electromyographic signals, said analysis being capable of determining a value (P.D.I) of global cross-correlation energy, said value being indicative of the level of gravity of the disease in said patient.

IPC 1-7
G06F 17/14

IPC 8 full level
A61B 5/0488 (2006.01); A61B 5/04 (2006.01)

CPC (source: EP US)
A61B 5/389 (2021.01 - EP); **A61B 5/397** (2021.01 - US); **A61B 5/4082** (2013.01 - EP); A61B 5/316 (2021.01 - EP); A61B 5/726 (2013.01 - EP)

Cited by
CN108270543A

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004066832 A2 20040812; **WO 2004066832 A3 20041229**; AU 2003253298 A1 20040823; AU 2003253298 A8 20040823; EP 1588280 A2 20051026; IT FI20030024 A1 20040801

DOCDB simple family (application)
IT 0300486 W 20030731; AU 2003253298 A 20030731; EP 03815575 A 20030731; IT FI20030024 A 20030131