

Title (en)
SLEEP QUALITY INDICATORS

Title (de)
SCHLAFQUALITÄTSANZEIGEN

Title (fr)
INDICATEURS DE LA QUALITE DU SOMMEIL

Publication
EP 1779257 A2 20070502 (EN)

Application
EP 05761327 A 20050721

Priority
• IL 2005000776 W 20050721
• US 59037504 P 20040721

Abstract (en)
[origin: WO2006008743A2] A method for diagnosis includes acquiring a physiological signal from a patient (22) during a period of sleep, and segmenting the signal to define a time sequence of quasi-stationary segments, each of the segments having a respective frequency spectrum. Respective levels of membership of the segments in a plurality of frequency states are computed responsively to the respective frequency spectrum. Based on the respective levels of membership, a sleep quality indicator is determined and displayed, responsively to a statistical characteristic of the segments.

IPC 8 full level
A61B 5/04 (2006.01); **G06F 19/00** (2006.01)

CPC (source: EP)
A61B 5/0205 (2013.01); **A61B 5/369** (2021.01); **A61B 5/4812** (2013.01); **A61B 5/4815** (2013.01); **A61B 5/7264** (2013.01); **G16H 50/20** (2017.12); **A61B 5/087** (2013.01); **A61B 5/113** (2013.01); **A61B 5/145** (2013.01); **A61B 5/318** (2021.01); **G16H 15/00** (2017.12)

Cited by
US9775545B2; US10531811B2; US11717210B2; US10154815B2; US10765367B2; US11717218B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006008743 A2 20060126; **WO 2006008743 A3 20071115**; EP 1779257 A2 20070502; EP 1779257 A4 20090304

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