

Title (en)

DETECTION OF HEART FAILURE USING A PHOTOPLETHYSMOGRAPH

Title (de)

NACHWEIS VON HERZINSUFFIZIENZ MIT EINEM PHOTOPLETHYSMOGRAPHEN

Title (fr)

DÉTECTION DE L'INSUFFISANCE CARDIAQUE AU MOYEN D'UN PHOTOPLÉTHYSMOGRAPHE

Publication

**EP 2091428 A4 20120530 (EN)**

Application

**EP 07805552 A 20070904**

Priority

- IL 2007001092 W 20070904
- US 84310706 P 20060907
- US 75022207 A 20070517
- US 75017307 A 20070517
- US 75025007 A 20070517
- US 75022107 A 20070517

Abstract (en)

[origin: WO2008029399A2] A method for diagnosis includes receiving a signal associated with blood oxygen saturation of a patient (22) during sleep. The signal is filtered so as to eliminate signal components at frequencies equal to and greater than a respiratory frequency of the patient. The filtered signal is processed to detect a pattern corresponding to multiple cycles of periodic breathing.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [I] WO 2006066337 A1 20060629 - RESMED LTD [AU], et al
- [I] WO 0176459 A2 20011018 - UNIV NEW YORK STATE RES FOUND [US], et al
- [I] WO 02087433 A1 20021107 - MEDTRONIC INC [US]
- See references of WO 2008029399A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008029399 A2 20080313**; **WO 2008029399 A3 20090507**; EP 2091428 A2 20090826; EP 2091428 A4 20120530

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