

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 A2 20090826 (EN)

Application

EP 07805552 A 20070904

Priority

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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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