

Title (en)

PULSE AMPLITUDE INDEXING METHOD AND APPARATUS

Title (de)

PULSAMPLITUDEN-INDEXIERMETHODE UND GERÄT

Title (fr)

PROCÉDÉ ET APPAREIL POUR INDEXER UNE AMPLITUDE DE POULS

Publication

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Application

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Priority

US 2006037914 W 20060927

Abstract (en)

[origin: WO2008039195A1] The invention is method and apparatus for determining a physiological characteristic by detecting the intensity of light following tissue absorption at two wavelengths, estimating the pulse amplitude and indexing a calculated physiological characteristic to the estimated pulse amplitude. In one embodiment, the ratio of logarithms of absorbance signal amplitude is indexed to the pulse amplitude to improve the accuracy of arterial oxygen saturation as determined by a pulse oximeter.

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- [A] US 2005197549 A1 20050908 - BAKER CLARK R JR [US]
- [A] US 2005250998 A1 20051110 - HUIKU MATTI [FI]
- See references of WO 2008039195A1

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