

Title (en)
METHOD AND APPARATUS FOR CONTINUOUS ASSESSMENT OF A CARDIOVASCULAR PARAMETER USING THE ARTERIAL PULSE PRESSURE PROPAGATION TIME AND WAVEFORM

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KONTINUIERLICHEN PRÜFUNG EINES KARDIOVASKULÄREN PARAMETERS MITHILFE DER AUSBREITUNGSZEIT UND WELLENFORM DES ARTERIELLEN PULSDRUCKS

Title (fr)
PROCÉDÉ ET APPAREIL POUR L'ÉVALUATION CONTINUE D'UN PARAMÈTRE CARDIOVASCULAIRE AU MOYEN DU TEMPS DE PROPAGATION ET DE LA FORME D'ONDE DU POULS ARTÉRIEL.

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EP 2053964 A2 20090506 (EN)

Application
EP 07840391 A 20070711

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• US 77444907 A 20070706

Abstract (en)
[origin: WO2008019207A2] A method and apparatus for determining a cardiovascular parameter including receiving an input signal corresponding to an arterial blood pressure measurement over an interval that covers at least one cardiac cycle, determining a propagation time of the input signal, determining at least one statistical moment of the input signal, and determining an estimate of the cardiovascular parameter using the propagation time and the at least one statistical moment.

IPC 8 full level
A61B 5/029 (2006.01)

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Citation (search report)
See references of WO 2008019207A2

Citation (examination)
US 6354999 B1 20020312 - DGANY ELHANAN [IL], et al

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US 2007073216 W 20070711; AU 2007281884 A 20070711; BR PI0714207 A 20070711; CA 2656815 A 20070711; EP 07840391 A 20070711; JP 2009519648 A 20070711