

Title (en)

EFFICIENTLY ENCODING AND COMPRESSING ECG DATA OPTIMIZED FOR USE IN AN AMBULATORY ECG MONITOR

Title (de)

EFFIZIENTE CODIERUNG UND KOMPRESSION VON EKG-DATEN, DIE ZUR VERWENDUNG IN EINEM AMBULANTEN EKG-MONITOR OPTIMIERT SIND

Title (fr)

CODAGE ET COMPRESSION EFFICACES DE DONNÉES D'ECG OPTIMISÉES À UTILISER DANS UN MONITEUR ECG AMBULATOIRE

Publication

EP 3240475 A1 20171108 (EN)

Application

EP 16705409 A 20160204

Priority

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- US 2016016550 W 20160204

Abstract (en)

[origin: WO2016126931A1] A method (200) for efficiently encoding and compressing ECG data optimized for use in an ambulatory electrocardiography monitor is provided. ECG data is first encoded and compressed (202) in a lossy process and further encoded and compressed (203) in a lossless process. A compression ratio significantly higher than other Holter-type monitors is achieved. Requirements for storage space and power cell consumption are reduced, contributing to the long-term availability of the monitor.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016126931A1

Cited by

US11672464B2; US11331034B2; US11147500B2; US10758139B2; TWI662948B

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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