

Title (en)

CELLPHONE HANDSET WITH COVER FOR AN ECG MONITORING SYSTEM

Title (de)

MOBILTELEFON-HEADSET MIT ABDECKUNG FÜR EIN EKG-ÜBERWACHUNGSSYSTEM

Title (fr)

COMBINÉ DE TÉLÉPHONE CELLULAIRE POUR UN SYSTÈME DE SURVEILLANCE ECG

Publication

EP 2263369 A1 20101222 (EN)

Application

EP 09719901 A 20090304

Priority

- IB 2009050885 W 20090304
- US 3507408 P 20080310

Abstract (en)

[origin: WO2009112976A1] An ECG monitoring system for ambulatory patients includes a small multi-electrode patch that adhesively attaches to the chest of a patient. A reusable battery-powered ECG monitor clips onto the patch and receives patient electrical signals from the electrodes of the patch. A processor continuously processes received ECG signals and a wireless transceiver in the ECG monitor transmits the event information and an ECG strip to a cellphone handset. The cellphone handset automatically relays the event information and ECG strip to a monitoring center. The cellphone handset has a cover which adapts the user interface of a standard commercial cellphone to the ECG monitoring application and includes a custom control program that displays ECG monitoring messages on the cellphone display and controls the automatic relay of ECG and event information to the monitoring center.

IPC 8 full level

A61B 5/332 (2021.01); **A61B 5/0205** (2006.01); **G06F 19/00** (2011.01); **H04M 1/02** (2006.01); **H04M 11/00** (2006.01); **H04M 1/72418** (2021.01); **H04M 1/72466** (2021.01)

CPC (source: EP US)

A61B 5/0006 (2013.01 - EP US); **A61B 5/335** (2021.01 - EP); **A61B 5/339** (2021.01 - EP US); **A61B 5/6887** (2013.01 - EP); **A61B 5/743** (2013.01 - EP); **G16H 40/67** (2017.12 - EP US); **A61B 5/11** (2013.01 - EP); **A61B 2560/0209** (2013.01 - EP); **A61B 2560/0276** (2013.01 - EP); **A61B 2560/0295** (2013.01 - EP); **A61B 2560/045** (2013.01 - EP); **A61B 2560/0456** (2013.01 - EP); **A61B 2560/06** (2013.01 - EP); **H04M 1/72418** (2021.01 - EP); **H04M 1/72466** (2021.01 - EP); **H04M 11/002** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

See references of WO 2009112976A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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