

Title (en)

SYSTEM FOR ASSISTING A HELPER IN THE RESUSCITATION OF A PERSON WITH CIRCULATORY ARREST

Title (de)

SYSTEM ZUR UNTERSTÜTZUNG EINES HELFERS BEI DER REANIMATION EINER PERSON MIT KREISLAUFSTILLSTAND

Title (fr)

SYSTÈME D'ASSISTANCE POUR UN SOIGNANT LORS DE LA RÉANIMATION D'UNE PERSONNE VICTIME D'UN ARRÊT CARDIO-CIRCULATOIRE

Publication

**EP 3097502 A1 20161130 (DE)**

Application

**EP 15709084 A 20150113**

Priority

- DE 102014100710 A 20140122
- DE 102014102590 A 20140227
- DE 2015100017 W 20150113

Abstract (en)

[origin: WO2015110118A1] The invention relates to a system for assisting a helper (8) in the performance of chest compressions for the immediate resuscitation of a person (1) affected by a circulatory arrest, wherein the helper (8) may be an untrained novice helper, in particular. In order to identify the circulatory condition of the person (1) and impart assistive first measures, a position sensor (4) connected to a support of similar design to a sticking plaster (5) is arranged on the sternum (2) of the person (1) by means of adhesion at an appropriate position. The position sensor (4), which is in the form of an acceleration sensor, is additionally connected to a mobile terminal (6) wirelessly or by wire. This terminal (6) is in the form of a smartphone, the smartphone being equipped with an appropriate application program (7). The invention has the advantage that, when used on a patient (1) affected by a circulatory arrest, even a novice helper is able to resuscitate the affected patient (1) immediately in order to avoid serious damage or save his life.

IPC 8 full level

**G06F 19/00** (2011.01)

CPC (source: EP US)

**A61H 31/005** (2013.01 - EP US); **A61H 31/007** (2013.01 - EP US); **G09B 5/02** (2013.01 - US); **G09B 23/288** (2013.01 - US); **G16H 20/30** (2017.12 - EP US); **G16H 40/63** (2017.12 - EP US); **G16H 40/67** (2017.12 - EP US); **A61H 2201/5043** (2013.01 - EP US); **A61H 2201/5064** (2013.01 - EP US)

Citation (search report)

See references of WO 2015110118A1

Citation (examination)

ANONYMOUS: "BlackBerry World", WIKIPEDIA, 21 July 2017 (2017-07-21), XP055397981, Retrieved from the Internet <URL:https://en.wikipedia.org/wiki/BlackBerry\_World> [retrieved on 20170810]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015110118 A1 20150730**; DE 102014102590 A1 20150806; DE 102014102590 B4 20221222; EP 3097502 A1 20161130; EP 4191601 A1 20230607; US 10555869 B2 20200211; US 2017046494 A1 20170216

DOCDB simple family (application)

**DE 2015100017 W 20150113**; DE 102014102590 A 20140227; EP 15709084 A 20150113; EP 23153223 A 20150113; US 201515124706 A 20150113