

Title (en)

SYSTEM FOR THE EARLY DETECTION OF POSTOPERATIVE BLEEDING

Title (de)

SYSTEM ZUR FRÜHERKENNUNG VON POST-OPERATIVEN BLUTUNGEN

Title (fr)

SYSTÈME POUR LA DÉTECTION PRÉCOCE D'HÉMORRAGIES POSTOPÉRATOIRES

Publication

EP 3518750 A1 20190807 (DE)

Application

EP 17771398 A 20170915

Priority

- DE 102016118673 A 20160930
- EP 2017073366 W 20170915

Abstract (en)

[origin: WO2018059975A1] The invention relates to a system for the early detection of invalidating states of persons, such as a postoperative bleeding of a patient for example, in particular secondary bleeding after organ surgery, comprising a detector unit (30) for continuously detecting multiple selected parameters. The detection unit has sensors (14, 16, 18), a computing unit, an interface, and an analysis logic which evaluates the probability of the presence of a health anomaly, such as the probability of postoperative bleeding for example, on the basis of the present parameter states. Additionally, a display device (40) is provided, by means of which the evaluation is displayed. The pressure in the postoperative organ compartment and/or a parameter which represents the expansion of the section of skin adjoining the organ compartment is selected as the selected parameter.

IPC 8 full level

A61B 5/02 (2006.01); **A61B 5/00** (2006.01); **A61B 5/03** (2006.01); **A61B 5/107** (2006.01)

CPC (source: EP KR US)

A61B 5/02042 (2013.01 - EP KR US); **A61B 5/0205** (2013.01 - KR US); **A61B 5/036** (2013.01 - EP KR US); **A61B 5/1073** (2013.01 - EP); **A61B 5/14542** (2013.01 - US); **A61B 5/7267** (2013.01 - US); **A61B 5/7275** (2013.01 - US); **A61B 5/7425** (2013.01 - US); **A61B 5/7445** (2013.01 - KR); **G06N 3/08** (2013.01 - KR); **A61B 5/021** (2013.01 - US); **A61B 5/024** (2013.01 - US); **A61B 5/0816** (2013.01 - US); **A61B 2560/0223** (2013.01 - US); **A61B 2562/0247** (2013.01 - US); **A61B 2562/0261** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018059975A1

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 2018059975 A1 20180405; CA 3038866 A1 20180405; CN 109788916 A 20190521; DE 102016118673 A1 20180405; EP 3518750 A1 20190807; JP 2019531171 A 20191031; JP 7170646 B2 20221114; KR 102460836 B1 20221028; KR 20190057368 A 20190528; KR 20220122801 A 20220902; US 11793409 B2 20231024; US 2020022593 A1 20200123

DOCDB simple family (application)

EP 2017073366 W 20170915; CA 3038866 A 20170915; CN 201780060919 A 20170915; DE 102016118673 A 20160930; EP 17771398 A 20170915; JP 2019538712 A 20170915; KR 20197012630 A 20170915; KR 20227029295 A 20170915; US 201716337969 A 20170915