

Title (en)

METHOD FOR DETERMINING AN INDIVIDUAL RISK OF FALLING

Title (de)

VERFAHREN ZUM ERMITTELN EINES INDIVIDUELLEN STURZRISIKOS

Title (fr)

PROCÉDÉ POUR DÉTERMINER UN RISQUE DE CHUTE INDIVIDUEL

Publication

EP 4073815 A1 20221019 (DE)

Application

EP 19827608 A 20191211

Priority

DE 2019101072 W 20191211

Abstract (en)

[origin: WO2021115504A1] The invention relates to a method for determining an individual risk of falling, having the following steps: • - inputting a plurality of a patient's medical vital parameters via a graphical user interface for storage in a memory of a data-processing system; • - calculating a weighting factor from the input vital parameters by means of a processor unit of the data-processing system; • - positioning the patient in the detection region of at least one inclination sensor; • - performing at least one predefined biomechanical balance test with the patient, and transferring the data collected by the inclination sensor in the process for storage in the memory of the data-processing system; • - calculating a balance value from the sensor data collected during the at least one balance test by means of the processor unit, the balance value being standardised to a predefined scale; • - determining an individual risk of falling from the calculation of the weighting factor and the balance value by means of the processor unit; and • - outputting the individual risk of falling via the graphical user interface.

IPC 8 full level

G16H 40/63 (2018.01); **A61B 5/00** (2006.01); **A61B 5/11** (2006.01); **G16H 50/20** (2018.01); **G16H 50/30** (2018.01)

CPC (source: EP)

A61B 5/1117 (2013.01); **A61B 5/4023** (2013.01); **A61B 5/6803** (2013.01); **A61B 5/7275** (2013.01); **G16H 40/63** (2017.12); **G16H 50/20** (2017.12); **G16H 50/30** (2017.12)

Citation (search report)

See references of WO 2021115504A1

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 2021115504 A1 20210617; EP 4073815 A1 20221019

DOCDB simple family (application)

DE 2019101072 W 20191211; EP 19827608 A 20191211