

Title (en)

METHOD FOR DETERMINING THE PATHOPHYSIOLOGICAL HARM CAUSED TO A PERSON BY A SEAT OR A BED, METHOD FOR DETERMINING THE BIOMECHANICAL EFFECTS OF SEATS OR BEDS, AND METHOD FOR PRODUCING A BASE

Title (de)

VERFAHREN ZUR ERMITTLUNG DER VON EINEM SITZ- BZW. LIEGESYSTEM AUF EINE PERSON AUSGEÜBTEN PATHOPHYSIOLOGISCHEN BEEINTRÄCHTIGUNGEN UND VERFAHREN ZUR ERMITTLUNG BIOMECHANISCHER WIRKUNGEN VON SITZ- UND LIEGESYSTEMEN UND VERFAHREN ZUR HERSTELLUNG EINER UNTERLAGE

Title (fr)

PROCEDE POUR DETERMINER LES EFFETS PHYSIOPATHOLOGIQUES EXERCES PAR UN SIEGE OU UN LIT SUR UNE PERSONNE, PROCEDE POUR DETERMINER DES EFFETS BIOMECHANIQUES DE SIEGES ET DE LITS ET PROCEDE DE PRODUCTION D'UN SUPPORT

Publication

EP 1954191 A2 20080813 (DE)

Application

EP 06829266 A 20061204

Priority

- EP 2006011612 W 20061204
- DE 102005057885 A 20051202
- DE 102006006105 A 20060210

Abstract (en)

[origin: WO2007062873A2] Sick people and people in need of care are highly prone to decubitus. This is caused generally by inadequate seats or beds, especially mattresses. Furthermore, healthy people also require comfortable seats or beds. Until now, in the development of new mattresses, only the bearing pressure exerted on the mattress by at least a single body part of the person is measured. Sufficient conclusions about the suitability of the mattress cannot be drawn from these measurements. The aim of the invention is to be able to determine the harm caused by the mattress in deeper tissue layers of a person, using, for example, magnetic resonance tomography examinations of body parts at risk. The knowledge obtained therefrom is then to be used in the design and construction of mattresses.

IPC 8 full level

A61B 5/103 (2006.01); **A47C 31/12** (2006.01); **A61B 5/055** (2006.01); **A61B 6/03** (2006.01); **A61G 7/057** (2006.01)

CPC (source: EP)

A47C 31/123 (2013.01); **A47C 31/126** (2013.01); **A61B 5/055** (2013.01); **A61B 5/103** (2013.01); **A61B 5/447** (2013.01); **A61B 5/6892** (2013.01); **A61B 6/032** (2013.01); **A61G 7/05715** (2013.01); **G09B 23/28** (2013.01); **A61B 5/441** (2013.01); **A61B 5/4504** (2013.01); **A61B 5/4519** (2013.01); **A61G 2203/34** (2013.01)

Citation (search report)

See references of WO 2007062873A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007062873 A2 20070607; **WO 2007062873 A3 20071115**; DE 102006006105 A1 20070614; EP 1954191 A2 20080813

DOCDB simple family (application)

EP 2006011612 W 20061204; DE 102006006105 A 20060210; EP 06829266 A 20061204