

Title (en)

SYSTEM FOR DETERMINATION AND MEASURE OF OPTIMAL EMBOSSING FOR BEDRIDDEN PATIENTS

Title (de)

SYSTEM ZUR BESTIMMUNG UND MESSUNG EINER OPTIMALEN AUSPRÄGUNG FÜR BETTLÄGRIGE PATIENTEN

Title (fr)

SYSTEME POUR DETERMINER ET MESURER UNE SURELEVATION OPTIMALE POUR DES PATIENTS ALITES

Publication

**EP 1505894 A1 20050216 (EN)**

Application

**EP 02805466 A 20021212**

Priority

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Abstract (en)

[origin: WO03053194A1] The invention is relative to a system of determination and measure of an optimal embossing for bedridden patients made as an adjustable structure composed by a certain number of independent modules, able to vary independently the internal pressure in order to balance these exerted on the embossing by a person forced on bed or on a wheelchair, and then to measure, through an interferometric laser, the exact internal configuration of each module, in order to allow, knowing also the exact position in space of each module, the determination of the correct configuration of the embossing so obtained, hence being able to produce through numerical control milling machines, also determining the local rigidity of the different parts of the patient body, in order to determine the optimal degree of elasticity that point per point better satisfies the patient needs.

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