

Title (en)

Method and device for supporting the body of a patient allowing controlled sagging

Title (de)

Verfahren und Vorrichtung zur Unterstützung des Körpers eines Patienten mit kontrolliertem Durchhängen

Title (fr)

Procédé et appareil de support d'un élément à supporter, en particulier le corps d'un patient permettant un enfoncement contrôlé

Publication

**EP 0676158 B1 20001129 (FR)**

Application

**EP 95400627 A 19950321**

Priority

FR 9404011 A 19940406

Abstract (en)

[origin: EP0676158A1] The method involves supporting a patients body (P) on a number of interconnected compartments (14) filled with air or water. A thin metal sheet (B) is attached to the inside of the upper surface (15) and combines with a plate (34) on the underside (16) to form an inductive sensor (34). The inductive sensor (30) measures the distance (Dm) between upper and lower surfaces and is connected to an oscillator (44), amplifier (46), preset distance (Dc) adjustment (48), and regulator and adaptor (50, 52). A computer (42) controls a pump (18, 20) and release valve (22) to maintain the distance between upper and lower surfaces (Dm) at the preset value (Dc). <IMAGE>

IPC 1-7

**A47C 27/10**; **A61G 7/057**

IPC 8 full level

**A47C 27/10** (2006.01); **A61G 7/057** (2006.01)

CPC (source: EP US)

**A61G 7/05769** (2013.01 - EP US); **A61G 2203/40** (2013.01 - EP US)

Cited by

WO9841128A1; FR2774573A1; WO9939613A1; FR2782915A1; FR2758259A1; FR2751530A1; US5934280A; FR2757378A1; US6079068A; FR2757377A1; US6009580A; FR2760967A1; CN105073081A; US6094762A; FR2751743A1; US6034526A; EP2522255A1; EP2050425A1; US6385803B1; US12042453B2; EP2289476A1; WO0013643A1; WO9827849A1; WO9803102A1; WO9830132A1; EP1995502A1; WO2009026743A1; WO9827850A1; WO9803835A1; EP2271296A1; EP1964494A1; US9901499B2; EP3228294A1; EP2005929A1

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