

Title (en)

PRESSURE REDUCING PATIENT SUPPORT STRUCTURES

Title (de)

DRUCKVERRINGERENDE PATIENTEN-TRAGESTRUKTUREN

Title (fr)

STRUCTURES DE SUPPORT POUR PATIENTS REDUISANT LA PRESSION

Publication

**EP 1789005 A1 20070530 (EN)**

Application

**EP 05701073 A 20050120**

Priority

- EP 2005000529 W 20050120
- GB 0401181 A 20040120
- US 53772304 P 20040120

Abstract (en)

[origin: WO2005067858A1] A support structure for a patient such as a mattress or mattress overlay comprises at least one air-tight chamber defined by an outer fabric. The chamber is provided with a first zone for supporting the major part of a patient's body and a second zone for supporting a part susceptible to pressure induced tissue damage. A first foam material is provided in the first zone and a second foam material is provided in the second zone. The upper surface of the first foam material is attached to the inner surface of the outer fabric. At least part of the upper surface of the second foam material is unattached to the inner surface of the outer fabric and defines an inflatable region. The inflatable region is inflated by transfer of air from the first zone by the action of a patient's weight on the first zone.

IPC 8 full level

**A47C 21/08** (2006.01); **A47C 27/18** (2006.01); **A61G 7/057** (2006.01); **A61G 7/065** (2006.01)

CPC (source: EP)

**A61G 7/05769** (2013.01); **A61G 7/0755** (2013.01)

Citation (search report)

See references of WO 2005067858A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005067858 A1 20050728**; EP 1789005 A1 20070530

DOCDB simple family (application)

**EP 2005000529 W 20050120**; EP 05701073 A 20050120