

Title (en)

Device and method for regulating the humidity on the surface of a mattress-type support element

Title (de)

Vorrichtung und Verfahren zur Regulierung der Feuchtigkeit auf der Oberfläche eines Halterungselements vom Vibrationsschutztyp

Title (fr)

Dispositif et procede de regulation de l'humidite a la surface d'un element de support de type matelas

Publication

EP 1915978 B1 20090909 (FR)

Application

EP 07117169 A 20070925

Priority

FR 0654548 A 20061026

Abstract (en)

[origin: EP1915978A1] The device has an envelope (1) formed by rectangular shaped upper and lower parts positioned on side of individual body (13) and an air mattress (3), respectively. The upper part (1-1) is made of material forming a barrier impermeable to air and liquid water and permeable to water vapor. The lower part is made of material permeable to water vapor. The lower part has an air injection port (4) and air discharging perforations (5) with perforated/porous zones permeable to air. An intermediate part (2) inside an inner chamber is made of a layer of non-woven fiber material e.g. polyester wadding. An independent claim is also included for a method for regulating the humidity on the surface of a mattress or cushion type support element and in vicinity of body of individual resting on element.

IPC 8 full level

A61G 7/057 (2006.01)

CPC (source: EP US)

A47C 21/044 (2013.01 - EP US); **A47C 21/048** (2013.01 - EP US); **A61G 7/05769** (2013.01 - EP US); **A61G 7/05784** (2016.10 - EP US)

Cited by

EP2522255A1; CN109276385A; FR2974988A1

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EP 1915978 A1 20080430; **EP 1915978 B1 20090909**; DE 602007002357 D1 20091022; FR 2907646 A1 20080502; FR 2907646 B1 20090206; US 2008098529 A1 20080501; US 7975331 B2 20110712

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