

Title (en)

AUTOMATICALLY INFLATABLE, DEFLATABLE AND FOLDABLE SOLAR-POWERED COOLER MATTRESS WITH A SUNSHADE

Title (de)

AUTOMATISCH AUF- UND ABBLASBARE UND FALTBARE MATRATZE MIT PARASOL UND KÜHLER WIRKEND AUF SOLARENERGIE

Title (fr)

MATELAS PARASOL RAFRAICHISSEUR A GONFLAGE, DEGONFLAGE ET PLIAGE AUTOMATIQUE UTILISANT L'ENERGIE SOLAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: FR2737095A1] An automatically inflatable, deflatable and foldable solar-powered cooler mattress with a sunshade, including an auxiliary device for automatically inflating and deflating the mattress, which device includes an array of photovoltaic cells (1) for supplying the power needed to operate a motor (2) driving a turbine (4) which rotates to draw air in through a channel (9) in the mattress (5), said motor (2) also being operable to deflate the mattress (5) when the polarity of the motor power supply is reversed; a beverage cooler device comprising a water-soaked foam cylinder (17) so that when the turbine (4) is driven by the motor (2) to generate an air flow, said air flow causes evaporation of the water, thereby cooling the cylinder; and an ultra-lightweight adjustable sunshade (10), one edge of the mattress being provided with a guide rail and a clamping system enabling the sunshade to be used in a variety of positions.

IPC 1-7

A47C 27/08; **A47C 9/10**

IPC 8 full level

A47C 9/10 (2006.01); **A47C 27/08** (2006.01)

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