

Title (en)

Temperature and moisture regulating topper for non-powered person-support surfaces

Title (de)

Temperatur- und Befeuchtungsregelaufgabe für nicht angetriebene Personentrageoberflächen

Title (fr)

Surmatelas à régulation de température et humidité pour surfaces de support de personnes non motorisées

Publication

EP 2520200 A1 20121107 (EN)

Application

EP 12166447 A 20120502

Priority

US 201113099543 A 20110503

Abstract (en)

A person-support surface comprises a non powered mattress (24) and a coverlet (26) positionable on the non powered mattress (24). The coverlet (26) includes an entry positioned at a first end of the coverlet, an exit positioned at a second end of the coverlet opposite the entry, an upper air impermeable layer (44), and a lower air impermeable layer coupled to the upper air impermeable layer to form an air flow path along the coverlet between the entry (48) and the exit (50). The upper air impermeable layer (44) is a vapor permeable and the lower air impermeable layer (46) is a vapor permeable.

IPC 8 full level

A47C 21/04 (2006.01); **A47C 27/00** (2006.01); **A61G 7/057** (2006.01)

CPC (source: EP)

A61G 7/057 (2013.01); **A61G 7/05784** (2016.10)

Citation (applicant)

US 93730610 A 20101011

Citation (search report)

- [XYI] WO 2009129306 A1 20091022 - HILL ROOM SERVICES INC [US], et al
- [XYI] EP 2298264 A2 20110323 - HILL ROOM SERVICES INC [US]
- [XAYI] US 2003145380 A1 20030807 - SCHMID WILLIAM [US]
- [Y] US 2005273941 A1 20051215 - STOLPMANN JAMES R [US], et al

Cited by

US11540964B2; US9211017B2; EP3089624A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2520200 A1 20121107; **EP 2520200 B1 20191218**; AU 2012202456 A1 20121122; EP 3649898 A1 20200513

DOCDB simple family (application)

EP 12166447 A 20120502; AU 2012202456 A 20120427; EP 19211012 A 20120502