

Title (en)
Ventilation mattress

Title (de)
Ventilationsmatratze

Title (fr)
Matelas de ventilation

Publication
EP 1762211 A1 20070314 (DE)

Application
EP 06018733 A 20060907

Priority
DE 102005043864 A 20050910

Abstract (en)
The mattress has an upper layer (1) and a lower layer (3) made of viscous foam and polyether foam, respectively. A three-dimensional spacer fabric (4) is arranged between the upper layer and lower layer, and each of the upper and lower side of the fabric has a mesh (5). Spring distance threads (61) are aligned perpendicular to the meshes, and run between the meshes. Flange strips (2) made of foam material such as polyether foam and/or frigid foam are pasted on all four front sides over the entire height of the mattress. An independent claim is also included for a method for using a ventilation mattress.

IPC 8 full level
A61G 7/057 (2006.01); **A47C 21/04** (2006.01); **A47C 27/14** (2006.01); **A61G 7/05** (2006.01)

CPC (source: EP)
A47C 21/046 (2013.01); **A47C 27/144** (2013.01); **A47C 31/006** (2013.01); **A61G 7/05715** (2013.01); **A61G 7/05784** (2016.11)

Citation (search report)

- [X] DE 202004004701 U1 20040819 - BOCK FRANK DE [BE]
- [A] WO 2005046988 A1 20050526 - LANCASTRIA LTD [IE], et al
- [A] DE 10059358 A1 20020620 - KEIPER GMBH & CO [DE]
- [A] DE 10037888 A1 20020606 - KESSLER HANS PETER [DE], et al
- [A] JP 2005110872 A 20050428 - FRANCE BED CO

Cited by
GB2454138B; CN112423626A; ITPD20100306A1; DE102013010602A1; DE102013010602B4; EP2281485A1; ITRM20090407A1; WO2013156438A1; US9095481B2; WO2012028487A1; WO2011107580A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1762211 A1 20070314; **EP 1762211 B1 20100512**; AT E467407 T1 20100515; DE 102005043864 A1 20070322; DE 502006006926 D1 20100624

DOCDB simple family (application)
EP 06018733 A 20060907; AT 06018733 T 20060907; DE 102005043864 A 20050910; DE 502006006926 T 20060907