

Title (en)
Mattress

Title (de)
Matratze

Title (fr)
Matelas

Publication
EP 1776902 A1 20070425 (DE)

Application
EP 06021914 A 20061019

Priority
DE 102005050464 A 20051019

Abstract (en)
The mattress includes a mattress core (1) which has an upper layer (2) adjoining a lower layer (3) in a boundary surface (5) which is adapted to the contour of a human body so that the upper layer has a height which varies over the length of the mattress. The height of the upper layer is constant over the width of the mattress core. The boundary surface extends in wavy lines over the length of the mattress core. The lower layer has a spring hardness which is greater than the spring hardness of the upper layer.

IPC 8 full level
A47C 27/14 (2006.01)

CPC (source: EP)
A47C 27/146 (2013.01); **A47C 27/148** (2013.01); **A47C 27/15** (2013.01)

Citation (applicant)
DE 20212742 U1 20030814 - RECTICEL SCHLAFKOMFORT GMBH [DE]

Citation (search report)
• [XY] DE 20212742 U1 20030814 - RECTICEL SCHLAFKOMFORT GMBH [DE]
• [Y] DE 4337912 A1 19950119 - DIAMONA HERMANN KOCH GMBH & CO [DE]
• [X] US 3885258 A 19750527 - REGAN JOHN J
• [X] EP 1048249 A1 20001102 - RECTICEL [BE]
• [A] EP 1093740 A1 20010425 - THOENY HANSPETER [CH]

Cited by
US2023200554A1; US12022957B2; WO2015143457A1; US9504336B2

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 1776902 A1 20070425; EP 1776902 B1 20111116; AT E533387 T1 20111215; DE 102005050464 A1 20070426;
DE 202005021772 U1 20091126

DOCDB simple family (application)
EP 06021914 A 20061019; AT 06021914 T 20061019; DE 102005050464 A 20051019; DE 202005021772 U 20051019