

Title (en)

INDEPENDENT MATTRESS UNITS WITH TRANSITION ZONE

Title (de)

UNABHÄNGIGE MATRATZENEINHEITEN MIT ÜBERGANGSZONEN

Title (fr)

UNITÉS DE MATELAS INDÉPENDANTES MUNIS D'UNE ZONE DE TRANSITION

Publication

EP 2575553 A4 20131225 (EN)

Application

EP 11787342 A 20110525

Priority

- US 34823310 P 20100525
- US 2011037935 W 20110525

Abstract (en)

[origin: WO2011150080A1] A mattress includes a first spring unit having a first degree of firmness, a second spring unit having a second degree of firmness different from the first degree of firmness, and a transition zone that is disposed between the first and second spring units. A foam perimeter surrounds the first and second spring units and the transition zone. The transition zone has a first row of springs adjacent to the first spring unit and has a degree of firmness between the first and second degrees of firmness that is closer to the first degree of firmness than the second degree of firmness. The transition zone also has a second row of springs adjacent to the second spring unit and has a degree of firmness between the first and second degrees of firmness that is closer to the second degree of firmness than the first degree of firmness.

IPC 8 full level

A47C 27/06 (2006.01); **A47C 27/05** (2006.01)

CPC (source: EP US)

A47C 23/00 (2013.01 - US); **A47C 27/05** (2013.01 - EP US); **A47C 27/062** (2013.01 - EP US); **A47C 27/064** (2013.01 - EP US); **A47C 31/00** (2013.01 - US); **Y10T 29/49613** (2015.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

- [X] US 4213214 A 19800722 - GILHOOLY JAMES E [US]
- [A] US 2005066446 A1 20050331 - GLADNEY RICHARD F [US]
- See also references of WO 2011150080A1

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

DOCDB simple family (publication)

WO 2011150080 A1 20111201; EP 2575553 A1 20130410; EP 2575553 A4 20131225; US 2013232699 A1 20130912

DOCDB simple family (application)

US 2011037935 W 20110525; EP 11787342 A 20110525; US 201113700064 A 20110525