

Title (en)

MATTRESS WITH BREATHABLE AND VENTILATION FUNCTION

Title (de)

ATMUNGSAKTIVE MATRATZE MIT LÜFTUNGSFUNKTION

Title (fr)

MATELAS DOTÉ D'UNE FONCTION DE RESPIRATION ET DE VENTILATION

Publication

EP 3782515 A1 20210224 (EN)

Application

EP 20191433 A 20200818

Priority

US 201962889112 P 20190820

Abstract (en)

A mattress includes a plurality of layers vertically stacked to one another, the plurality of layers comprising a first layer; a second layer; and a third layer. The first layer comprises a plurality of openings defined therein being operably in fluidic communication with a plurality of fans for providing air circulation to a user through the mattress. The second layer is disposed between the first layer and the third layer and comprises an array of springs.

IPC 8 full level

A47C 21/04 (2006.01); **A47C 20/04** (2006.01); **A47C 27/05** (2006.01); **A47C 27/06** (2006.01); **A47C 27/12** (2006.01); **A47C 27/14** (2006.01); **A47C 27/15** (2006.01); **A47C 27/22** (2006.01)

CPC (source: CN EP US)

A47C 20/041 (2013.01 - EP); **A47C 21/044** (2013.01 - EP US); **A47C 27/056** (2013.01 - CN EP US); **A47C 27/064** (2013.01 - EP US); **A47C 27/122** (2013.01 - EP); **A47C 27/144** (2013.01 - EP); **A47C 27/15** (2013.01 - CN EP US); **A47C 27/22** (2013.01 - EP); **A47C 31/007** (2013.01 - US)

Citation (search report)

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- [X] AU 2007100311 A4 20070524 - AUSTRALIAN COMFORT GROUP PTY LTD [AU]
- [A] US 2017318979 A1 20171109 - RAWLS-MEEHAN MARTIN B [US], et al
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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)

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DOCDB simple family (application)

EP 20191433 A 20200818; AU 2020217379 A 20200812; CN 202010835734 A 20200819; CN 202021734809 U 20200819; US 202016993393 A 20200814