

Title (en)
MATTRESS WITH ADJUSTABLE FIRMNESS

Title (de)
MATRATZE MIT ANPASSBARER HÄRTE

Title (fr)
MATELAS À FERMETÉ RÉGLABLE

Publication
EP 3261494 A4 20180117 (EN)

Application
EP 16756245 A 20160224

Priority

- US 201562120294 P 20150224
- US 201514740832 A 20150616
- US 201562254383 P 20151112
- US 201562273764 P 20151231
- US 2016019266 W 20160224

Abstract (en)
[origin: WO2016138082A1] A mattress can include one or more layers of foam material, an adjustable air layer including an air bladder, and a valve. The valve can be fluidically connected to the air bladder and configured to regulate pressure of the air bladder in response to actuation. Some embodiments can include a foam material positioned inside the air bladder.

IPC 8 full level
A47C 27/08 (2006.01); **A47C 31/00** (2006.01); **A47C 31/12** (2006.01)

CPC (source: EP)
A47C 27/082 (2013.01); **A47C 27/083** (2013.01); **A47C 27/088** (2013.01); **A47C 31/123** (2013.01)

Citation (search report)

- [XYI] US 4951335 A 19900828 - EADY DONALD GEOFFREY [CA]
- [X] US 5564143 A 19961015 - PEKAR ROBERT W [US], et al
- [Y] US 2012090698 A1 20120419 - GIORI GUALTIERO G [US], et al
- [Y] US 2014352074 A1 20141204 - STACY RICHARD B [US], et al
- [Y] US 2003046831 A1 20030313 - WESTIN CRAIG D [US]
- See references of WO 2016138082A1

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)
WO 2016138082 A1 20160901; CA 2977358 A1 20160901; EP 3261494 A1 20180103; EP 3261494 A4 20180117; TW 201633971 A 20161001

DOCDB simple family (application)
US 2016019266 W 20160224; CA 2977358 A 20160224; EP 16756245 A 20160224; TW 105105270 A 20160223