

Title (en)
BED

Title (de)
BETT

Title (fr)
LIT

Publication
EP 3892159 A1 20211013 (EN)

Application
EP 20208160 A 20201117

Priority
KR 20200042010 A 20200407

Abstract (en)
A bed includes a mattress set on which a user's body is placed, an adjustable bedframe to adjust a position or orientation of the mattress set for various sitting and sleeping positions, and a dryer to dry the mattress set. The dryer includes a fan, a filter, and a heater to discharge filtered hot air toward the dryer to reduce mildew and mites. A humidity sensing sheet may be provided to sense a humidity level at different regions or areas of the bed, and the dryer may be controlled to supply hot air to regions of the bed having a higher humidity level than a predetermined humidity level or humidity range.

IPC 8 full level
A47C 20/04 (2006.01); **A47C 21/04** (2006.01); **A47C 23/00** (2006.01); **A47C 23/043** (2006.01); **A47C 27/06** (2006.01); **A47C 31/00** (2006.01)

CPC (source: CN EP KR)
A47C 19/00 (2013.01 - CN); **A47C 20/041** (2013.01 - EP); **A47C 21/044** (2013.01 - EP KR); **A47C 21/048** (2013.01 - CN EP); **A47C 23/002** (2013.01 - EP); **A47C 23/0435** (2013.01 - EP KR); **A47C 27/04** (2013.01 - CN); **A47C 27/061** (2013.01 - EP); **A47C 27/15** (2013.01 - KR); **A47C 31/008** (2013.01 - EP)

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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)
EP 3892159 A1 20211013; EP 3892159 B1 20230621; CN 113491409 A 20211012; KR 20210124673 A 20211015

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