

Title (en)
INTEGRATED FAN ASSEMBLY FOR BEDS

Title (de)
INTEGRIERTE LÜFTERANORDNUNG FÜR BETTEN

Title (fr)
ENSEMBLE VENTILATEUR INTÉGRÉ POUR LITS

Publication
EP 4291071 A1 20231220 (EN)

Application
EP 22714065 A 20220311

Priority
• US 202163160041 P 20210312
• US 2022019993 W 20220311

Abstract (en)
[origin: US2022287473A1] A mattress having a first layer with a first layer top and bottom extending from a first edge to a second edge, a first side rail proximate the first edge, a second side rail proximate the second edge, additional layers positioned under the first layer bottom between the first side rail and the second side rail, and a first air module that creates airflow, positioned between the first side rail and at least one of the additional layers. The first air module can draw air from the first layer and direct exhaust air between the first side rail and the second layer. The mattress can define a first channel between the first side rail and the second layer that can permit flow of the exhaust air. The second layer can define a layer recessed portion at a side of the second layer that is adjacent to the first side rail.

IPC 8 full level
A47C 21/04 (2006.01); **A47C 27/045** (2006.01); **A47C 27/05** (2006.01); **A47C 27/14** (2006.01); **A47C 27/15** (2006.01)

CPC (source: EP KR US)
A47C 21/044 (2013.01 - EP KR US); **A47C 27/0453** (2013.01 - EP KR); **A47C 27/05** (2013.01 - EP); **A47C 27/056** (2013.01 - EP KR); **A47C 27/144** (2013.01 - EP KR); **A47C 27/15** (2013.01 - EP KR); **F04D 25/06** (2013.01 - KR US)

Citation (search report)
See references of WO 2022192700A1

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BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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