

Title (en)
Mattress assembly

Title (de)
Matratzenaufbau

Title (fr)
Ensemble matelas

Publication
EP 1314380 A3 20040506 (EN)

Application
EP 02025672 A 20021120

Priority
• JP 2001007726 U 20011127
• US 6789902 A 20020208

Abstract (en)
[origin: EP1314380A2] A mattress assembly comprises a covering (2), a mattress (3), and a bed base (4). The covering includes a cloth covering with a zipper to allow easy opening/closing of the cloth covering. The mattress and the bed base are covered by the cloth covering. The mattress (3) includes a plurality of vents (31) communicated between the covering and the bed base. The bed base (4) includes a plurality of grooves (41) in an upper side thereof. When liquid permeates the covering, it passes through the vents and then accumulates in the grooves. The mattress assembly further includes an air supply device (5) comprising a plurality of air supply tubes (53) and a plurality of ventilating tubes (54) extending in the grooves of the bed base. Air feeding from the air supply tubes flows through the grooves of the bed base via the ventilating tubes and then exit the vents of the mattress for circulation. <IMAGE>

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A47C 21/04

IPC 8 full level
A47C 21/04 (2006.01); **A47C 21/06** (2006.01)

CPC (source: EP US)
A47C 21/044 (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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