

Title (en)

Bed mattress with variable characteristics of carrying capacity throughout its length

Title (de)

Matratze mit veränderlichen Trageigenschaften über ihre Länge

Title (fr)

Matelas avec des caractéristiques variables de capacité portante le long de sa longueur

Publication

EP 0870449 A3 20010103 (EN)

Application

EP 98104069 A 19980306

Priority

IT MI970528 A 19970311

Abstract (en)

[origin: EP0870449A2] Bed mattress, of the type consisting essentially of a stratified expanded-foam panel formed by the arrangement, on top of one another, of at least three layers with different load-bearing and/or air-permeability characteristics. The main layer, which is situated in the middle of the other two layers and is basically assigned the load-bearing function, has a thickness variable along the length of the mattress. Said middle load-bearing layer has high load-bearing characteristics, with small-size closed cells, and its thickness varies from a minimum of about 50 mm, in the region of the neck zone of the sleeping person, to a maximum of about 130 mm, in the region of the trunk and respectively the pelvis of the sleeping person. <IMAGE>

IPC 1-7

A47C 27/14

IPC 8 full level

A47C 27/14 (2006.01); **A47C 27/15** (2006.01)

CPC (source: EP)

A47C 27/144 (2013.01); **A47C 27/148** (2013.01); **A47C 27/15** (2013.01)

Citation (search report)

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- [DYA] US 3885258 A 19750527 - REGAN JOHN J
- [A] US 4161045 A 19790717 - REGAN JOHN J [US]

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT

DOCDB simple family (publication)

EP 0870449 A2 19981014; **EP 0870449 A3 20010103**; **EP 0870449 B1 20030723**; AT E245376 T1 20030815; DE 69816506 D1 20030828; IT 1290044 B1 19981019; IT MI970528 A1 19980911

DOCDB simple family (application)

EP 98104069 A 19980306; AT 98104069 T 19980306; DE 69816506 T 19980306; IT MI970528 A 19970311