

Title (en)
Mattress with foam core

Title (de)
Matratze mit einem Schaumstoffkern

Title (fr)
Matelas avec une âme en mousse

Publication
EP 1048249 A1 20001102 (EN)

Application
EP 00870080 A 20000421

Priority
BE 9900298 A 19990426

Abstract (en)
Mattress with a foam core (1) made from at least one flexible foam material (6), which mattress has a top side (2), a bottom side (3) which is virtually parallel to the top side, and a head end (4) and a feet end (5). Of the top and bottom sides of the mattress, at least the top side (2) is intended as a surface for sleeping on. According to the invention, the foam core (1) of the mattress contains, in addition to the abovementioned flexible foam material (6), a layer of a less flexible material, in particular a layer (7) of an agglomerated foam, which extends at a greater depth below the sleeping surface (2) of the mattress towards the head end (4) of the mattress than towards the feet end (5) of the mattress. In this way, the legs are at a higher level than the body without the mattress having to be raised at the level of the legs or, in other words, without an adjustable bed base or the like being required. <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 27/146** (2013.01); **A47C 27/148** (2013.01); **A47C 27/15** (2013.01)

Citation (search report)
• [XAY] US 3885258 A 19750527 - REGAN JOHN J
• [Y] US 2147362 A 19390214 - BLOOMBERG JOSEPH E
• [A] EP 0870449 A2 19981014 - ORSA S R L [IT]
• [A] US 2469084 A 19490503 - SCHENKER ABRAHAM W
• [A] US 5671492 A 19970930 - SIMON KEITH DOUGLAS [US]

Cited by
EP4178397A4; EP1776902A1; DE202014010183U1; DE102006011378A1; JP2018126500A; EP4245191A1; WO2023174866A1; WO2007147472A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1048249 A1 20001102; BE 1012630 A6 20010109

DOCDB simple family (application)
EP 00870080 A 20000421; BE 9900298 A 19990426