

Title (en)
Mattress

Title (de)
Matratze

Title (fr)
Matelas

Publication
EP 0853902 A3 20001220 (DE)

Application
EP 98100026 A 19980102

Priority
DE 19700283 A 19970107

Abstract (en)
[origin: EP0853902A2] The latex or polyurethane foam mattress includes ventilation channels (7) which when the mattress is stressed by the user close up through the deformation of the material. The ventilation channels have at least one area which includes an angle greater than zero with the perpendicular to the couch surface. The ventilation channels can be curved or angled and have at least one section running parallel to the couch surface. The ventilation channels have two blind-hole sections (8,9) extending perpendicularly from a flat side of the mattress body and connected together through curved connecting channel (12).

IPC 1-7
A47C 27/14; **A47C 21/04**

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

CPC (source: EP)
A47C 21/046 (2013.01); **A47C 27/144** (2013.01); **A47C 27/146** (2013.01)

Citation (search report)
• [X] CH 386235 A 19641231 - PIRELLI SAPSA S P A SOCIETA PE [IT]
• [A] US 5459896 A 19951024 - RABURN RICHARD W [US], et al
• [A] US 4686724 A 19870818 - BEDFORD PETER H [US]
• [A] FR 1108646 A 19560116 - DAIMLER BENZ AG

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KR20230057115A; NL1024180C2; US10688696B2; WO2021143293A1; WO2005041723A1

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

DOCDB simple family (publication)
DE 19700283 A1 19980709; **DE 19700283 C2 20011213**; EP 0853902 A2 19980722; EP 0853902 A3 20001220

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