

Title (en)  
Vacuum mattress

Title (de)  
Vakuum-Matratze

Title (fr)  
Matelas à vide

Publication  
**EP 1166740 A3 20031126 (DE)**

Application  
**EP 01114985 A 20010620**

Priority  
DE 10030161 A 20000620

Abstract (en)  
[origin: EP1166740A2] The mattress (10) has an evacuable mattress body (15) and at least one longitudinal strut fixed in the mattress body. The longitudinal struts cannot be compressed in their longitudinal direction, to reduce shrinkage in the longitudinal direction (L) when the mattress is evacuated. Preferably, two longitudinal struts are arranged near the longitudinal edges of the mattress body. An Independent claim is included for a mattress cover for use with the mattress.

IPC 1-7  
**A61G 7/057**

IPC 8 full level  
**A47C 31/12** (2006.01); **A61G 7/057** (2006.01)

CPC (source: EP)  
**A61G 1/00** (2013.01); **A61G 7/05753** (2013.01); **A61G 13/1275** (2013.01)

Citation (search report)

- [XY] FR 2631547 A2 19891124 - LOEB JEAN [FR]
- [X] US 5121756 A 19920616 - KOLEDIN MICHAEL J [US]
- [Y] DE 4304518 A1 19940818 - SCHNITZLER ALOIS [DE]
- [YA] DE 3708680 A1 19871022 - SCHNITZLER ALOIS

Cited by  
WO2009006925A1; EP1332697A3; DE102011052951B4; US11744752B2; WO2012143142A1; US8387187B2; US6868569B2; DE102011052951A1; DE102010029088A1; EP2404714A1

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

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