

Title (en)  
Air-mattress.

Title (de)  
Druckluftmatratzenkern.

Title (fr)  
Matelas à air.

Publication  
**EP 0651959 A1 19950510 (DE)**

Application  
**EP 94115488 A 19940930**

Priority  
DE 4338008 A 19931108

Abstract (en)  
The invention relates to an air-mattress (10), comprising a flexible envelope in which a multiplicity of compressed-air cells (11) lying one beside the other are provided. The compressed-air cells (11) are interconnected by a channel system (12) provided in the envelope between the compressed-air cells (11), and the envelope is penetrated perpendicularly to the channel system (12) by a multiplicity of apertures (17) which do not influence the compressed-air cells (11). <IMAGE>

Abstract (de)  
Die Erfindung betrifft einen Druckluftmatratzenkern (10), bestehend aus einer elastischen Hülle in der eine Vielzahl nebeneinander liegender Druckluftzellen (11) vorgesehen sind. Die Druckluftzellen (11) sind durch ein in der Hülle zwischen den Druckluftzellen (11) vorgesehenes Kanalsystem (12) untereinander verbunden und die Hülle ist von einer Vielzahl die Druckluftzellen (11) nichtbeeinflussender Durchbrüche (17) senkrecht zum Kanalsystem (12) durchsetzt. <IMAGE>

IPC 1-7  
**A47C 27/10**; **A47C 21/04**

IPC 8 full level  
**A47C 21/04** (2006.01); **A47C 27/10** (2006.01)

CPC (source: EP US)  
**A47C 21/046** (2013.01 - EP US); **A47C 27/081** (2013.01 - EP US); **A47C 27/10** (2013.01 - EP US)

Citation (search report)

- [YA] US 4662012 A 19870505 - TORBET PHILIP A [US]
- [YA] FR 1169286 A 19581224 - CAOUTCHOUC MANUFACTURE ET DE L
- [A] WO 8903203 A1 19890420 - SCHULMAN DAVID A [US]
- [A] US 3982786 A 19760928 - BURGIN GERARD, et al

Cited by  
EP2248446A1; US6550085B2; US6684430B2

Designated contracting state (EPC)  
AT BE CH DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0651959 A1 19950510**; **EP 0651959 B1 19981216**; AT E174484 T1 19990115; DE 4338008 A1 19950511; DE 4338008 C2 19960711; US 5640731 A 19970624

DOCDB simple family (application)  
**EP 94115488 A 19940930**; AT 94115488 T 19940930; DE 4338008 A 19931108; US 33460294 A 19941104