

Title (en)

Cushion structure having a three-dimensional net

Title (de)

Polsterstruktur mit einem dreidimensionalen Netz

Title (fr)

Structure de coussin comportant un filet tridimensionnel

Publication

EP 1023861 A1 20000802 (EN)

Application

EP 00100789 A 20000115

Priority

JP 2146399 A 19990129

Abstract (en)

A cushion structure (2) includes a pad material (6) and a three-dimensional net (8) embedded in the pad material. The three-dimensional net includes upper and lower mesh layers and a pile layer having a large number of piles for connecting the upper and lower mesh layers. The pad material (6) is foamed with the three-dimensional net (8) embedded therein. <IMAGE>

IPC 1-7

A47C 7/34

IPC 8 full level

A47C 7/20 (2006.01); **A47C 7/28** (2006.01); **A47C 7/34** (2006.01); **A47C 7/35** (2006.01); **A47C 27/06** (2006.01)

CPC (source: EP KR)

A47C 7/18 (2013.01 - KR); **A47C 7/34** (2013.01 - EP); **A47C 27/065** (2013.01 - EP); **A47C 27/14** (2013.01 - KR); **A47C 31/006** (2013.01 - EP); **B68G 7/00** (2013.01 - KR); **B68G 11/04** (2013.01 - KR)

Citation (search report)

- [X] DE 2015659 A1 19701015
- [XA] WO 9806553 A1 19980219 - CELLBOND COMPOSITES LTD [GB], et al
- [A] US 5194311 A 19930316 - BAYMAK FARUK [US], et al
- [A] DE 2655662 A1 19780615 - HUKLA WERKE GMBH
- [A] US 3393012 A 19680716 - CHANCELLOR JR CHARLES W
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 7 31 July 1996 (1996-07-31)

Cited by

CN102653152A; US2023174182A1; US11780523B2; US10377202B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1023861 A1 20000802; JP 2000217658 A 20000808; KR 100355319 B1 20021011; KR 20000076551 A 20001226

DOCDB simple family (application)

EP 00100789 A 20000115; JP 2146399 A 19990129; KR 20000004233 A 20000128