

Title (en)

Fire resistant mattress for use in aircraft

Title (de)

Schwer entflammbare Matratze für Luftfahrzeuge

Title (fr)

Matelas résistant au feu, pour usage à bord d'un aéronef

Publication

EP 1700783 A1 20060913 (DE)

Application

EP 05005278 A 20050310

Priority

EP 05005278 A 20050310

Abstract (en)

Fire resistant mattress has foam core material (2), exhibits extensive cut at facing side of the lying surface, which adopts 70 percentage, preferably 80 percentage, more preferably at least 90 percentage of the lying surface. The cut is surrounded in the edge area of the lying surface by a foam material bar (4). A resting pad (5) of spacer textile, is inserted into the cut. The fibers of the spacer textile are heavily flammable.

IPC 8 full level

B64D 11/06 (2006.01); **A47C 27/00** (2006.01); **B60N 2/70** (2006.01)

CPC (source: EP US)

A47C 31/001 (2013.01 - EP US); **A47C 31/006** (2013.01 - EP US); **D04B 21/16** (2013.01 - EP US); **D10B 2505/08** (2013.01 - EP US)

Citation (applicant)

- DE 10026405 A1 20001228 - CETEX CHEMNITZER TEXTILMASCHIN [DE]
- DE 10013492 A1 20010927 - CETEX CHEMNITZER TEXTILMASCHIN [DE]
- DE 10240462 A1 20030605 - CETEX CHEMNITZER TEXTILMASCHIN [DE]

Citation (search report)

- [A] EP 0231968 A1 19870812 - GECEM NV [BE]
- [A] DE 10240462 A1 20030605 - CETEX CHEMNITZER TEXTILMASCHIN [DE]
- [A] EP 0070701 A1 19830126 - COURTAULDS PLC [GB]

Cited by

DE102010039958A1; DE102013205664A1; DE102013205664B4; EP2281485A1; ITRM20090407A1; WO2012028487A1; EP2611334B1

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DOCDB simple family (application)

EP 05005278 A 20050310; AT 05005278 T 20050310; DE 502005002214 T 20050310; US 36680906 A 20060303