

Title (en)
Textile product and its use

Title (de)
Textilprodukt und dessen Verwendung

Title (fr)
Produit textile et son utilisation

Publication
EP 2156768 A1 20100224 (DE)

Application
EP 09009309 A 20090717

Priority
DE 102008038098 A 20080818

Abstract (en)
The biodegradable textile product comprises two spaced textile surfaces, which are bonded with one another by spacer threads, which consist of 90 wt.% of aliphatic polyester related to their total mass. The textile surfaces are developed from 90 wt.% of the threads made of aliphatic polyesters related to the entire mass of the textile surfaces. The spacer threads are monofilaments. The textile surfaces and the spacer threads are bonded with one another over meshes. The spaced textile surfaces and/or one of the spaced textile surfaces contain copper salt or silver salt.

Abstract (de)
Beschrieben wird ein Textilprodukt aus mindestens zwei beabstandeten textilen Flächen, die durch Distanzfäden miteinander verbunden sind. Dabei bestehen zumindest die Distanzfäden zu mindestens 90 Gew. %, bezogen auf deren Gesamtmasse, aus einem oder mehreren aliphatischen Polyestern. Das Textilprodukt ist gut biologisch abbaubar und lässt sich hervorragend zur Herstellung von Matratzen oder Polsterkörpern einsetzen.

IPC 8 full level
A47C 27/00 (2006.01); **D03D 25/00** (2006.01); **D04B 21/04** (2006.01)

CPC (source: EP)
D03D 1/0017 (2013.01); **D03D 7/00** (2013.01); **D03D 11/02** (2013.01); **D04B 21/16** (2013.01); **D10B 2401/12** (2013.01); **D10B 2403/021** (2013.01); **D10B 2505/08** (2013.01)

Citation (applicant)
• DE 102004037625 A1 20060316 - PHI TON HOLDING BV ARNHEIM [NL]
• DE 102006002098 A1 20061116 - PHI TON HOLDING BV [NL]
• DE 102006023356 A1 20071122 - MUELLER TEXTIL GMBH [DE]
• DE 202005013361 U1 20051027 - GISA TEX GMBH & CO KG [DE]
• DE 202006017014 U1 20061228 - VISSER FERDINAND [NL]
• US 6687935 B2 20040210 - REEDER RYAN A [US], et al
• US 6668408 B2 20031230 - FERRAND ROBERT J [US], et al
• US 6499157 B1 20021231 - MCCAIN RICKY A [US], et al
• US 6460209 B1 20021008 - REEDER RYAN A [US], et al
• US 6447874 B2 20020910 - ANTINORI STEVEN [US], et al
• US 6115861 A 20000912 - REEDER RYAN A [US], et al
• DE 102005050405 A1 20070426 - PHI TON HOLDING BV [NL]

Citation (search report)
• [X] WO 2007014995 A2 20070208 - SOFRADIM PRODUCTION [FR], et al
• [X] US 2004054376 A1 20040318 - ORY FRANCOIS-REGIS [FR], et al
• [X] WO 2007117235 A1 20071018 - KIMBERLY CLARK CO [US], et al
• [A] US 2002102895 A1 20020801 - WILLARD WILLIAM F [US]
• [I] NL 1025256 C1 20041101 - HURK RONALD ARIE VAN DEN [NL]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2156768 A1 20100224; DE 102008038098 A1 20100225; DE 102008038098 B4 20120126

DOCDB simple family (application)
EP 09009309 A 20090717; DE 102008038098 A 20080818