

Title (en)

Ground cover with visco-elastic damping characteristics

Title (de)

Bodenbedeckung mit viskoelastischen Dämpfungseigenschaften

Title (fr)

Revêtement de sol doté de propriétés d'amortissement viscoélastiques

Publication

EP 2050865 B1 20141126 (DE)

Application

EP 08017612 A 20081008

Priority

- DE 102007049506 A 20071015
- DE 102008046667 A 20080910

Abstract (en)

[origin: EP2050865A1] The cover has a layer (1) partially connected with a textile surface unit (2) in a planar manner by an elastomer adhesive, where the layer contains viscoelastic polymer foam. The textile surface unit exhibits an elastic modulus in a specific range. The polymer foam exhibits compression hardness in a specific range during 40 percentage of compression. The polymer foam exhibits a hysteresis between 20 and 70 percentage during the provision of the compression hardness. The polymer foam is selected from a group of polyurethane foam or a cross-linked impact foam of synthetic or natural latex. An independent claim is also included for a method for producing a ground cover.

IPC 8 full level

D06N 7/00 (2006.01)

CPC (source: EP US)

D06N 7/0073 (2013.01 - EP US); **D06N 7/0081** (2013.01 - EP US); **D06N 7/0086** (2013.01 - EP US); **D06N 2203/068** (2013.01 - EP US); **D06N 2205/04** (2013.01 - EP US); **D06N 2205/20** (2013.01 - EP US); **D06N 2209/065** (2013.01 - EP US); **D06N 2209/067** (2013.01 - EP US); **D06N 2209/1628** (2013.01 - EP US); **D06N 2211/12** (2013.01 - EP US); **Y10T 428/23979** (2015.04 - EP US)

Citation (examination)

- WO 2005046988 A1 20050526 - LANCASTRIA LTD [IE], et al
- WO 2006118008 A1 20061109 - KANEKA CORP [JP], et al

Cited by

WO2011131708A1; WO2022161717A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2050865 A1 20090422; **EP 2050865 B1 20141126**; JP 2009215870 A 20090924; RU 2008140630 A 20100420; RU 2429320 C2 20110920; US 2009155520 A1 20090618

DOCDB simple family (application)

EP 08017612 A 20081008; JP 2008266021 A 20081015; RU 2008140630 A 20081014; US 25101308 A 20081014