Title (en)

Insulating layer for a floor covering with an anti-slip surface

Title (de)

Bodenbelags-Dämmunterlage mit einer rutschhemmenden Ober-flächengestaltung

Title (fr)

Sous-couche isolante de revêtement de sol dotée d'une texture de surface empêchant le glissement

Publication

EP 2743082 A2 20140618 (DE)

Application

EP 13191840 A 20131106

Priority

DE 202012012025 U 20121217

Abstract (en)

The layer has a special surface coating applied on the layer, where coefficient of sliding friction of the coating is increased to a value larger than 0.5 opposite to actual surface of damming material. The surface coating is formed as a coextruded polyurethane coating having a rough and/or uneven surface or extruded polyethylene coating having an obtuse surface. The extruded polyethylene coating consists of elastomer and polymer, where increase of the coefficient of sliding friction is determined from surface unevenness and elasticity of the coating.

Abstract (de)

Bodenbelags-Dämmunterlage mit einer rutschhemmenden Oberflächengestaltung, dadurch gekennzeichnet, dass eine spezielle Oberflächenbeschichtung auf die Dämmunterlage aufgebracht wird, deren Gleitreibbeiwert µ gegenüber der eigentlichen Oberfläche des Dämmmaterials erhöht ist auf einen Wert grösser als 0,5.

IPC 8 full level

B32B 27/32 (2006.01); **A47G 27/04** (2006.01); **B32B 27/40** (2006.01); **E04F 15/18** (2006.01); E04F 15/10 (2006.01)

CPC (source: EP US)

A47G 27/0412 (2013.01 - EP US); **A47G 27/0468** (2013.01 - EP US); **E04F 15/105** (2013.01 - EP US); **E04F 15/18** (2013.01 - EP US); **E04F 15/181** (2013.01 - US); Y10T 428/24355 (2015.01 - EP US)

Citation (third parties)

Third party : Brandstock Legal

- US 6013342 A 20000111 - NETO RAFAEL LETTIERE [BR]
- EP 1854663 A1 20071114 - POLYMER TEC HALBZEUGE GMBH [DE]
- WO 9404016 A2 19940303 - ESTILLON BV [NL], et al
- DE 10040803 A1 20020314 - BREUNINGER RUDOLF [DE]
- DE 202004013126 U1 20041014 - LOTT LACKE PRODUKTIONS UND HAN [DE]
- WO 2013082290 A1 20130606 - PALZIV GROUP [IL], et al
- US 2011263174 A1 20111027 - KETZER MICHAEL [DE], et al
- US 6576577 B1 20030610 - GARNER KENNETH B [US]
- US 2008104914 A1 20080508 - LEMIEUX ALAIN [CA]
- US 4546024 A 19851008 - BROWN J GALE [US]

Third party : Sekisui

- EP 1854663 A1 20071114 - POLYMER TEC HALBZEUGE GMBH [DE]
- WO 2013082290 A1 20130606 - PALZIV GROUP [IL], et al
- US 6189279 B1 20010220 - FIECHTL DOUG [US]
- US 6013342 A 20000111 - NETO RAFAEL LETTIERE [BR]
- WO 0070168 A1 20001123 - WPT GMBH POLYMERTECHNIK [DE], et al
- "Plastics -Films and sheeting- Determination of the coefficients of friction", ISO 8295 2ND ED., 1 October 1995 (1995-10-01), XP055279465

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202012012025 U1 20130206; EP 2743082 A2 20140618; EP 2743082 A3 20150930; US 2014178638 A1 20140626

DOCDB simple family (application)

DE 202012012025 U 20121217; EP 13191840 A 20131106; US 201314107239 A 20131216