

Title (en)

Impact-absorbing floor lining, in particular for play areas or sport facilities

Title (de)

Stoß absorbierender Bodenbelag, insbesondere für Spielplätze oder Sportanlagen

Title (fr)

Revêtement de sol absorbant les chocs, notamment pour terrains de jeu ou installations de sport

Publication

**EP 2239024 A2 20101013 (DE)**

Application

**EP 10155756 A 20100308**

Priority

- EP 09157632 A 20090408
- EP 10155756 A 20100308

Abstract (en)

The lining (10) has an upper layer (12) provided at an upper side (18) and made of elastic material. A lower layer (14) is arranged at a lower side of the upper layer. The lower layer has a core area (26) with a filament hollow chamber body. Filament sections of the filament hollow chamber body are merged with each other at cross points. The filament hollow chamber body is provided by a random filament layer. The filament hollow chamber body is extruded with monofilaments. The filament hollow chamber body is provided by a knitted layer. An independent claim is also included for a method for producing a floor structure.

Abstract (de)

Ein Stoß absorbierender Bodenbelag, insbesondere für Spielplätze oder Sportanlagen, umfasst eine eine Oberseite (18) zum Betreten bereitstellende Oberlage (12) aus elastischem Material und eine an einer Unterseite der Oberlage (12) angeordnete Unterlage (14), wobei die Unterlage (14) einen Kernbereich (26) mit einem Filamenthohlraumkörper umfasst, wobei Filamentabschnitte des Filamenthohlraumkörpers an Kreuzungspunkten miteinander verschmolzen sind.

IPC 8 full level

**A63C 19/04** (2006.01); **E01C 13/04** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)

**A63C 19/04** (2013.01); **E01C 13/045** (2013.01); **E04F 15/10** (2013.01)

Cited by

DE102014115605A1; DE102013100051A1; WO2015124513A1; DE102020102274A1; EP4356981A1; DE102013100051B4; DE202015009811U1; WO2013120993A1; US9376773B2; EP3783168A1; DE202020005818U1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

**EP 2239025 A1 20101013**; DK 2239024 T3 20140929; EP 2239024 A2 20101013; EP 2239024 A3 20121114; EP 2239024 B1 20140625

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