

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 2239025 A1 20101013 (DE)

Application

EP 09157632 A 20090408

Priority

EP 09157632 A 20090408

Abstract (en)

The lining (10) has an upper layer (12) made of elastic material, and a lower layer (14) arranged at a lower side of the upper layer. The lower layer includes a core area (26) with a knitted fabric made of filaments (40) that are partially and material-fittingly connected with each other. Fibrous material layers (28, 30) made of fleece or fabric material are provided at an upper side and/or a lower side of the core area. A fibrous material is formed with polycondensation fibers and polyamide coated polyester fibers. The upper layer is produced with polyurethane bound rubber granules. An independent claim is also included for a method for manufacturing an impact absorbing floor construction.

Abstract (de)

Ein Stoß absorbierender Bodenbelag, insbesondere für Spielplätze oder Sportanlagen, umfasst 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 Gewirk aus wenigstens teilweise miteinander materialschlüssig verbundenen Filamenten (40) umfasst.

IPC 8 full level

A63C 19/04 (2006.01)

CPC (source: EP)

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

Citation (search report)

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WO2013120993A1; US9376773B2

Designated contracting state (EPC)

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