

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 A3 20121114 (DE)**

Application

**EP 10155756 A 20100308**

Priority

- EP 09157632 A 20090408
- EP 10155756 A 20100308

Abstract (en)

[origin: EP2239025A1] 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.

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)

Citation (search report)

- [A] DE 20203290 U1 20030717 - P V P POLYMER VERARBEITUNG UND [DE]
- [A] GB 2308569 A 19970702 - RAWSON CARPETS LTD [GB], et al
- [A] GB 1341891 A 19731225 - BAYER AG

Cited by

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

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 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

DOCDB simple family (application)

**EP 09157632 A 20090408**; DK 10155756 T 20100308; EP 10155756 A 20100308