

Title (en)

FLOOR COVERING COMPRISING AT LEAST ONE ELECTRICAL COMPONENT AND METHOD FOR PRODUCING A FLOOR COVERING

Title (de)

BODENBELAG MIT MINDESTENS EINEM ELEKTRISCHEN BAUELEMENT UND VERFAHREN ZUR HERSTELLUNG EINES BODENBELAGS

Title (fr)

REVÊTEMENT DE SOL POURVU D'AU MOINS UN COMPOSANT ÉLECTRIQUE ET PROCÉDÉ DE FABRICATION D'UN REVÊTEMENT DE SOL

Publication

EP 3329067 B1 20230412 (DE)

Application

EP 16745088 A 20160722

Priority

- DE 102015112214 A 20150727
- EP 2016067582 W 20160722

Abstract (en)

[origin: WO2017017033A1] The invention relates to a floor covering (10) as a covering for a subfloor (20), wherein the floor covering (10) has a layer which is composed of a curable material (45) which is cured in the finished state of the floor covering (10) and into which a reinforcing fabric (30) and at least one electrical component (85) are embedded. It is provided that the at least one electrical component (85) is connected by way of its bottom side to a subfloor (20), in particular an unfurnished floor, by adhesive bonding, and the reinforcing fabric (30) covers the at least one electrical component (85) by way of its side which is averted from the subfloor (20), so that the top side of the at least one electrical component (85) is covered by the reinforcing fabric (30) and the curable material (45).

IPC 8 full level

E04F 15/12 (2006.01); **E04F 15/18** (2006.01); **H05K 1/03** (2006.01)

CPC (source: EP US)

E04F 15/12 (2013.01 - EP US); **E04F 15/186** (2013.01 - EP US); **E04F 2290/00** (2013.01 - US)

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

DOCDB simple family (publication)

DE 102015112214 A1 20170202; DE 112016002789 A5 20180315; EP 3329067 A1 20180606; EP 3329067 B1 20230412; US 10316528 B2 20190611; US 2018216354 A1 20180802; WO 2017017033 A1 20170202

DOCDB simple family (application)

DE 102015112214 A 20150727; DE 112016002789 T 20160722; EP 16745088 A 20160722; EP 2016067582 W 20160722; US 201615747659 A 20160722