

Title (en)

Tiled floor structure

Title (de)

Mit Keramikplatten belegter Fußbodenaufbau

Title (fr)

Construction d'un sol couvert avec carreaux de céramique

Publication

EP 1712695 B1 20130522 (DE)

Application

EP 06101098 A 20060131

Priority

DE 102005016963 A 20050413

Abstract (en)

[origin: EP1712695A2] The floor structure has a film-like plastic mat (3) on a base (1) with bearing elements (31) protruding from its upper surface that are hollow to the underside and uniformly distributed, whereby open water channels (36) are formed between the bearing elements, a water or vapor-transmissive fleece or textile material cover (4) on the bearing elements and ceramic plates (6) stuck onto the cover. The plastic mat is embedded in a still soft, setting thin bed of mortar coating (2) on the base and the ceramic plates are laid and fixed directly on the cover with a thin bed mortar layer (5).

IPC 8 full level

E04F 15/08 (2006.01); **E04F 15/18** (2006.01)

CPC (source: EP)

E04F 15/08 (2013.01); **E04F 15/18** (2013.01); **E04F 15/182** (2013.01); **E04F 15/185** (2013.01)

Citation (examination)

VERBAND DER DEUTSCHEN KERAMISCHEN FLIESEN- UND SPALTPLATTEN-INDUSTRIE E.V.: "Bodenbeläge aus Fliesen und Platten ausserhalb von Gebäuden", 31 July 1998, FACHVERBAND DES DEUTSCHEN FLIESENGEWERBES, Bonn

Cited by

DE102008045122A1; DE102011057125A1; DE102012203894A1; EP3128103A1; WO2013135682A1; WO2010105857A1; EP2159346A2; US9428920B2; US9797146B2; US10392814B2; US10822812B2; WO2021004745A1; EP3802990B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1712695 A2 20061018; **EP 1712695 A3 20100512**; **EP 1712695 B1 20130522**; ES 2431241 T3 20131125

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