

Title (en)

Floor covering and process for the manufacture thereof

Title (de)

Bodenbeschichtung und Verfahren zu deren Herstellung

Title (fr)

Revêtement de sol et procédé pour sa fabrication

Publication

**EP 0837177 A3 20000223 (DE)**

Application

**EP 97117807 A 19971015**

Priority

DE 19642955 A 19961017

Abstract (en)

[origin: EP0837177A2] A floor coating comprises at least two layers, one on top of the other and based on polyurethane (PU). A process for producing the coating involves applying the first layer (2) to a surface (1) to be coated and then applying the upper layer (3) before the lower layer (2) is completely cured. Preferably the upper layer (3) includes 20-50% of a filler (4), especially quartz sand, quartz powder and/or corundum. Filler particle size is 0.1-0.5mm. During application the viscosity of the lower layer (2) is 2000-9000 mPa s and of the upper layer (3) 9000-21000 mPas. The upper layer (3) may include a light resistant hardener. Adhesion between both layers (2,3) is 1.5-6N. The fillers (4) may be added to the polymer before applying the coating or afterwards prior to the start of curing of the layers.

IPC 1-7

**D06N 7/00**; **E04F 15/12**

IPC 8 full level

**E04F 15/12** (2006.01); **D06N 3/14** (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP)

**D06N 3/145** (2013.01)

Citation (search report)

- [XAY] FR 2021321 A1 19700724 - CORDESSE CLAUDE
- [X] US 4879143 A 19891107 - RANG KLAUS [DE]
- [YA] EP 0192590 A1 19860827 - BAT TARAFLEX [FR]
- [YA] DE 8633348 U1 19880421

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0837177 A2 19980422**; **EP 0837177 A3 20000223**; **EP 0837177 B1 20041215**; AT E284993 T1 20050115; CZ 292568 B6 20031015; CZ 326597 A3 19980513; DE 19642955 A1 19980430; DE 59712119 D1 20050120; PL 184740 B1 20021231; PL 322641 A1 19980427

DOCDB simple family (application)

**EP 97117807 A 19971015**; AT 97117807 T 19971015; CZ 326597 A 19971014; DE 19642955 A 19961017; DE 59712119 T 19971015; PL 32264197 A 19971016