

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

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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)

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