Title (en)

Surface coating process for imitating the appearance of natural wood

Title (de)

Oberflächenbeschichtungsverfahren zur Erzielung eines Wurzelholzimitat-Effektes

Title (fr)

Procédé de revêtement de surface pour l'imitation de l'aspect du bois naturel

Publication

**EP 0687580 B1 20000426 (DE)**

Application

**EP 94120524 A 19941223**

Priority

DE 4421111 A 19940616

Abstract (en)

[origin: EP0687580A2] Surface coating processes for producing an imitation root timber effect comprise (A) (1) applying a layer of filler with a colour which determines the base shade of the final effect; (2) air-drying the filler coat; (3) preparing a soln. of scumble paste in water; (4) applying this soln. to the filler coat; (5) trickling or spotting alcohol, spirit, isopropanol, acetone, EtOAc, etc., onto the still-wet scumble coat to form the root timber pattern; (6) drying rapidly; (7) applying and drying opt. coloured clearcoat(s); and (8) applying clear topcoat(s); (B) (a) performing stages (1)-(4) as above; (b)(5) sprinkling salt grains on the still-wet scumble to form the pattern; and (c) performing stages (6)-(8) as above; (C) to produce the effect on glass, (1) cleaning and degreasing a glass plate, etc.; (2) coating with an adhesive clear varnish or transparent adhesive and drying this; (3) applying a scumble coat as in (A) and (B) stage (4); (4) forming the pattern as in (A)(5) and drying this; (5) coating with an acrylic scumble coloured to match the shade of the first scumble (3); (6) applying a primer paint coloured to match the ground colour of the imitation root timber layer; and (7) applying a coat(s) of protective varnish.

IPC 1-7

**B44F 9/02**; B05D 3/10; B05D 5/06

IPC 8 full level

**B05D 1/38** (2006.01); **B05D 1/36** (2006.01); **B05D 3/10** (2006.01); **B05D 5/06** (2006.01); **B44F 9/02** (2006.01)

CPC (source: EP KR)

**B05D 3/107** (2013.01 - EP KR); **B05D 5/061** (2013.01 - EP KR); **B44F 9/02** (2013.01 - EP KR)

Cited by

EP1991366A4; US2011154701A1; US9005707B2; FR3102190A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL PT SE

DOCDB simple family (publication)

**EP 0687580 A2 19951220**; **EP 0687580 A3 19960717**; **EP 0687580 B1 20000426**; AT 192094 T 20000515; CZ 137695 A3 19960214; DE 4421111 C1 19960208; DE 59409314 D1 20000531; JP H0838993 A 19960213; KR 960000316 A 19960125

DOCDB simple family (application)

**EP 94120524 A 19941223**; AT 94120524 T 19941223; CZ 137695 A 19950529; DE 4421111 A 19940616; DE 59409314 T 19941223; JP 13651995 A 19950602; KR 19950015749 A 19950614