

Title (en)

Process for decorating natural or reconstituted stone

Title (de)

Verfahren zum Dekorieren von Naturstein oder wiederaufbereitetem Stein

Title (fr)

Procédé de décoration d'une pierre naturelle ou reconstituée

Publication

EP 0770502 B1 19980916 (FR)

Application

EP 96440092 A 19961024

Priority

FR 9512901 A 19951027

Abstract (en)

[origin: EP0770502A1] The procedure consists of applying a design to the cleaned surface of the stone, e.g. from a print or photographic reproduction on a lightweight paper (55 - 90 g/sqm). The paper is stuck to the surface of the stone with a water-bound adhesive, e.g. PVA, and a pressure of 500 - 800 kg/sq m is applied to it for a period of 2 to 5 hours. The pressure can be applied through a layer of foam, rubber or other flexible material, and a number of stone workpieces can be placed in a press (2) at the same time, sandwiched between layers (3) of flexible material. Following the application of pressure the stone workpiece is cut and trimmed according to the printed design, and finally coated with a cellulose varnish.

IPC 1-7

B44C 5/06; **B44C 1/10**

IPC 8 full level

B44C 1/10 (2006.01); **B44C 5/06** (2006.01)

CPC (source: EP)

B44C 1/105 (2013.01); **B44C 5/06** (2013.01)

Cited by

FR2776235A1; CN104553599A; WO2019108079A2

Designated contracting state (EPC)

AT BE CH DK ES FI GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0770502 A1 19970502; **EP 0770502 B1 19980916**; AT E171118 T1 19981015; ES 2124073 T3 19990116; FR 2740390 A1 19970430; FR 2740390 B1 19980925

DOCDB simple family (application)

EP 96440092 A 19961024; AT 96440092 T 19961024; ES 96440092 T 19961024; FR 9512901 A 19951027