

Title (en)

PROCESS FOR MANUFACTURING PARTS HAVING A FLAT SURFACE FROM HARD GEM-STONE MATERIAL

Publication

**EP 0245313 B1 19900801 (DE)**

Application

**EP 86906255 A 19861104**

Priority

CH 491085 A 19851118

Abstract (en)

[origin: WO8703109A1] A paste consisting of pasty or granular material coated with additional pigment and then re-pressed is applied to a support (13) in the form of a pressed strip or covering (17). The strip or covering is subjected to a first, incomplete hardening (20), after which it can no longer flow easily under its own weight. After this, the surface coat containing the additional pigment is removed from a surface (24) which is to be used, and then this surface is smoothed (29, 32) and the hardening of the coating is terminated to produce a hard material (29). The smoothing and completion of the hardening process can be effected in the same processing stage as shaping (29) to produce separable shaped parts (34). The support (13) can be inseparable from the hardened coating (19). The surface layer containing the additional pigment can be removed by mechanical means, solution means or by abrasion by a suspension in liquid or air, if necessary in the presence of ultrasound (40, 41). The strip can also be cut in order to form a surface layer free of additional pigment. The process is applicable for the production of moldings resembling gem-stones.

IPC 1-7

**B44C 3/00; G04B 37/22**

IPC 8 full level

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