

Title (en)

Process and device for floor coverings

Title (de)

Verfahren und Vorrichtung zur Bearbeitung von Belägen

Title (fr)

Procédé et dispositif pour le traitement de revêtements

Publication

EP 1743740 B1 20070815 (DE)

Application

EP 05015275 A 20050714

Priority

EP 05015275 A 20050714

Abstract (en)

[origin: EP1743740A1] Method involves introducing of carrier medium (5), with approximately 2 to 3 times of speed of sound and under a pressure of 1000 to 7000 bar preferably 3000 bar, into a mixing chamber (16) of a spray head (11) and the granules (6) are supplied to the carrier medium in the mixing chamber. The mixture is then advanced to the focusing unit (19) in the form of spraying jet (12) at a flow rate of 1 to 2 times of speed of sound. The spraying jet is formed from the carrier medium and the granules splash after its withdrawal from the focusing unit. The distance (a) between the spraying head, the covering and the supply pressure of the carrier medium are adjusted in such a manner that carrier medium before impinging on the covering by spraying jet, the granules are separated from the surrounding air and is partly evaporated. The granules effect on the covering and a number of microcraters visible by the human eye are treated in its surface with an observation distance of approximately 150 centimeter. An independent claim is also included for the device for treatment of coverings.

IPC 8 full level

B24C 5/04 (2006.01); **B24C 1/00** (2006.01); **B24C 7/00** (2006.01); **B28D 1/26** (2006.01); **E04F 15/00** (2006.01)

CPC (source: EP)

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Cited by

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