

Publication

**EP 0537668 A3 19950118**

Application

**EP 92117433 A 19921013**

Priority

DE 4134271 A 19911017

Abstract (en)

[origin: US5985078A] In a method of producing marking or the like on a surface by means of laser radiation, at least two layers of lacquer of different colors are successively applied to the surface and at least the outer layer which is towards the viewer of the surface is removed by laser radiation in a region-wise manner to expose the second layer therebeneath, thereby producing the marking on the surface. At least the outer layer is applied by a transfer operation from a carrier material, in order thereby to produce a uniform thickness for that layer and thus a highly uniform laser-engraving effect. Also described is the use of embossing foils and more especially hot embossing foils of a particular configuration in such a method.

IPC 1-7

**B44C 1/02**; **B44C 1/17**

IPC 8 full level

**B41M 5/00** (2006.01); **B41M 1/24** (2006.01); **B41M 3/14** (2006.01); **B41M 5/025** (2006.01); **B41M 5/24** (2006.01); **B44C 1/02** (2006.01); **B44C 1/17** (2006.01); **B44C 1/22** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 14, no. 58 (M - 0930) 2 February 1990 (1990-02-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 198 (C - 502) 8 June 1988 (1988-06-08)
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 282 (C - 446) 11 September 1987 (1987-09-11)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 29 (M - 922) 19 January 1990 (1990-01-19)

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**US 96089292 A 19921014**; AT 92117433 T 19921013; DE 4134271 A 19911017; DE 59208628 T 19921013; DK 92117433 T 19921013; EP 92117433 A 19921013; ES 92117433 T 19921013; HK 98105529 A 19980617; JP 27389192 A 19921013