

Title (en)

Process for decorating or marking a surface by means of laser radiation and use of a stamping foil in this process

Title (de)

Verfahren zur Dekoration oder Beschriftung einer Oberfläche mittels Laserstrahlung sowie Verwendung einer Prägefolie in diesem Verfahren

Title (fr)

Procédé pour décorer ou marquer une surface par radiation laser et utilisation d'une feuille à estamper dans ce procédé

Publication

EP 0537668 B1 19970618 (DE)

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.

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CPC (source: EP US)

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Cited by

WO2020064404A1; EP0734885A3; DE102018123473A1; CN112770915A; US7255911B2; US7403651B2; WO2015177663A1; WO2008092949A1; US6723479B2; US7022442B2; WO2022072765A1; WO2022082044A1; TWI837177B

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