

Title (en)

Process for applying an identification number

Title (de)

Verfahren zum Aufbringen einer Identifikationsnummer

Title (fr)

Procédé d'application d'un numéro d'identification

Publication

**EP 1223053 B1 20110518 (DE)**

Application

**EP 02000393 A 20020107**

Priority

DE 10102193 A 20010116

Abstract (en)

[origin: EP1223053A2] Method for applying an identification, preferably an identification number (10), onto a surface, especially an engine block of a motor vehicle, comprises an embossed structure having varying depths. Independent claims are also included for an engine component, especially a cylinder crank housing of an internal combustion engine, having an identification and for a body component having an identification on its surface. Preferred Features: The embossed structure is manufactured by material removal or application, especially build-up welding. The embossed structure is applied by laser, especially an Nd:YAG laser or Q-switch laser.

IPC 8 full level

**B44C 1/22** (2006.01); **B44B 7/00** (2006.01); **G09F 7/00** (2006.01); **G09F 7/16** (2006.01)

CPC (source: EP)

**B41M 5/24** (2013.01); **B44B 7/007** (2013.01); **B44C 1/228** (2013.01); **G09F 7/16** (2013.01); **G09F 7/165** (2013.01)

Cited by

WO2007131307A1; DE102016116723A1; CN102862438A; CN110406300A; AU2007250468B2; EA017557B1; US8906596B2; US11370063B2; WO2011076294A1; JP2009536588A

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