

Title (en)

Method and device for creating a marking in a workpiece surface through impression

Title (de)

Verfahren und Vorrichtung zur Erzeugung eines Zeichens in einer Werkstückoberfläche durch Prägen

Title (fr)

Procédé et dispositif de production d'un signe dans la surface d'une pièce usinée par imprégnation

Publication

EP 2110266 A3 20120905 (DE)

Application

EP 09004804 A 20090401

Priority

DE 102008019342 A 20080415

Abstract (en)

[origin: US2009255306A1] In a method and a device for creating a symbol in a workpiece surface via stamping (scoring or plastic forming under compressive conditions); the resultant stamping depth is measured and/or regulated constantly by using a distance sensor which is mounted on the stamping needle and is movable therewith. The stamping needle is placed on the workpiece surface before stamping is begun, thereby resulting in a first distance between the distance sensor and the workpiece surface. A second distance between the distance sensor and the workpiece surface is obtained during the subsequent stamping procedure, and when the stamping needle is pressed into the workpiece surface. The stamping depth results from the difference of the two distances.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [YP] DE 102006056388 B3 20080521 - AUDI AG [DE], et al
- [A] DE 3914059 A1 19901031 - WISSNER ROLF [DE]
- [A] EP 0645220 A1 19950329 - PEDDINGHAUS ROLF [DE]

Cited by

DE102019100964A1; EP3162588A1; DE102016120603A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

DE 202008017427 U 20080415; CN 200910149792 A 20090415; DE 102008019342 A 20080415; EP 09004804 A 20090401; US 42140809 A 20090409