

Title (en)

METHOD AND DEVICE FOR PRODUCING AN EMBOSSING DIE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINER STANZFORM

Title (fr)

PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UNE MATRICE

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Application

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Abstract (en)

[origin: WO9903635A1] The invention relates to a method for producing an embossing die, in particular for use in the packaging industry. In a first operation, grooves are cut in a workpiece, in particular made of wood, by using a directed laser beam. These grooves are intended for accommodating cutting knives or groove knives. In another operation, predetermined structures are engraved in the surface of the embossing die by using a laser beam. At least part of the structures univocally identify and/or define the embossing die. The inventive method is characterized in that, during an interruption in the groove-cutting operation, the laser beam used for cutting is radiated into a scanner by means of an auxiliary deviation mirror. Furthermore, still during this interruption, the structures are engraved in the surface of the embossing die that is to be produced. This takes place by using the scanner and following the laser beam.

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