

Title (en)

METHOD FOR OPERATING AN ENGRAVING MEMBER

Title (de)

VERFAHREN ZUM BETRIEB EINES GRAVIERORGANS

Title (fr)

PROCEDE DE FONCTIONNEMENT D'UN ORGANE DE GRAVURE

Publication

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Application

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Abstract (en)

[origin: DE19723184A1] The invention relates to a method for operating an engraving member in an electronic engraving machine to engrave printing forms, especially printing cylinders for intaglio printing. A burin of the engraving member is controlled by an engraving signal and engraves a sequence of cups arranged in a gravure screen in the rotating printing cylinder. The engraving signal is formed by superimposing the image signal representing the tonalities to be engraved. In order to obtain good quality engraving, the engraving member is heated to a temperature that is close to operating temperature before engraving starts and/or during an interruption of engraving. To this end, the engraving member is impinged upon by a periodic signal whose frequency is preferably located inside the ultrasonic range in order to avoid noise disturbances.

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