

Title (en)  
METHOD FOR PRODUCING A PRINTING STENCIL FOR TECHNICAL PRINTING, AND PRINTING STENCIL FOR TECHNICAL PRINTING

Title (de)  
VERFAHREN ZUM HERSTELLEN EINER DRUCKSCHABLONE FÜR DEN TECHNISCHEN DRUCK UND DRUCKSCHABLONE FÜR DEN TECHNISCHEN DRUCK

Title (fr)  
PROCÉDÉ DE PRODUCTION D'UN POCHOIR POUR L'IMPRESSION TECHNIQUE, ET POCHOIR POUR L'IMPRESSION TECHNIQUE CORRESPONDANT

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Abstract (en)  
[origin: WO2013030273A1] The present invention relates to a method for producing a printing stencil for technical printing, for applying a printed pattern to a substrate, and to a printing stencil. The method comprises supplying a carrier layer (21) for the printing stencil, supplying a structure layer (22) for the printing stencil, this layer being located beneath the carrier layer (21), making an elongate printed-image opening (22a), corresponding to at least part of the printed pattern, in the structure layer (22), and making carrier-layer openings (21a) in the carrier layer (21) in the region of the printed-image opening (22a). The method is characterized in that, for making the carrier-layer openings (21a), use is made of a laser device which is designed to emit a laser beam in laser pulses, and the task of making the carrier-layer openings (21) comprises making a row of carrier-layer openings (21a) extending in the longitudinal direction of the printed-image opening, wherein, for making each carrier-layer opening (21) in the row, a focussing means of the laser device is positioned at a position of the respective carrier-layer opening (21), and the respective carrier-layer opening (21) is made by means of one or more laser pulses at this position (P1), and the focussing means of the laser device, once a carrier-layer opening has been made, between two successive laser pulses, is displaced relative to the carrier layer, and in the longitudinal direction of the elongate printed-image opening (22a), from the position (P1) of the carrier-layer opening (21a) which has been made to the position (P2) of the carrier-layer opening which is subsequently to be made.

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