

Title (en)

Method and device for cutting a pattern in a sheet material

Title (de)

Verfahren und Vorrichtung zum Schneiden eines Musters aus blattförmigem Material

Title (fr)

Procédé et dispositif pour découper un dessin à partir d'un matériau en feuille

Publication

EP 0704283 A1 19960403 (EN)

Application

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Priority

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Abstract (en)

Method and cutting device for cutting a well-defined pattern in a surface layer of a laminated sheet material, said pattern being positioned in a first predetermined relationship with respect to a figure provided on the sheet material, said method comprizing the steps of (i) feeding a sheet material into a reproduction apparatus and providing at least three marker prints in a triangular shape on predetermined positions on the sheet material, (ii) providing said figure on the sheet material, (iii) feeding the sheet material into the cutting device and sensing said marker prints by means of a detector provided with the cutting device, (iv) deriving from data provided by the detector the actual positions of the marker prints and deriving transformation relations which transform the predetermined positions of the marker prints into their actual positions, thus taking into account any translation, rotation or distortion of the sheet material fed in the cutting device, (v) generating a set of transformed points defining a transformed pattern that is to be positioned in said first relationship with respect to the actual figure on the sheet material in the cutting device, and (vi) controlling the cutting device such that a pattern compatible with the first set of transformed points will be cut and cutting said transformed pattern. <IMAGE>

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CPC (source: EP)

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Citation (search report)

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