Title (en)
    METHOD FOR DIGITISING AND CUTTING REMNANTS WITH NON-REPETITIVE SHAPES

Title (de)
    VERFAHREN ZUR DIGITALISIERUNG UND ZUM SCHNEIDEN VON ABSCHNITTEN, DIE SICH NICHTWIEDERHOLENDE FORMEN BESITZEN

Title (fr)
    PROCEDE DE NUMERISATION ET DECOUPE DE COUPONS AYANT DES FORMES NON REPETITIVES

Publication
    EP 0757616 B1 19980916 (FR)

Application
    EP 95918648 A 19950427

Priority
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Abstract (en)
    [origin: WO9529046A1] Sheet materials in the form of optionally flawed remnants with non-repetitive shapes, e.g. hides (10), are cut by digitising the geometry of each remnant, arranging the pieces to be cut out of the remnant, and cutting pieces out of the remnant according to the resulting arrangement. The surface of the remnant (10) is provided with indicia indicating at least the position and orientation of the remnant during the digitising process. The indicia are sensed to determine and record position data representing the positions of the first indicia. In a cutting station (300), images of the indicia positioned according to the first recorded position data are projected onto a work surface, and the corresponding remnant is placed thereon so that the indicia on the remnant surface match the projected images thereof, whereafter said pieces can be cut out of the remnant which now has a position and orientation similar to those it had during the digitising process.

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CPC (source: EP US)
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