

Title (en)

METHOD AND APPARATUS FOR POSITIONING SHEET MATERIAL ON A SUPPORT TABLE TO MAKE HOLES BY PUNCHING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM POSITIONIEREN VON BLÄTTERN AUF EINEM AUFLAGETISCH FÜR EINE STANZVORRICHTUNG

Title (fr)

PROCEDE ET APPAREIL DE POSITIONNEMENT D'UN PRODUIT EN FEUILLE SUR UNE TABLE DE SUPPORT POUR Y PERCER DES TROUS PAR POIN ONNAGE

Publication

**EP 0603343 B1 19970319 (EN)**

Application

**EP 92925489 A 19920908**

Priority

- SE 9102602 A 19910910
- SE 9200632 W 19920908

Abstract (en)

[origin: WO9304825A1] The invention relates to a method and apparatus for punching register holes in sheets provided with adjustment marks. The apparatus comprises a punching table (1) having punches (27) and sensors (28) on the punching table, a vacuum table (25) being provided in the punching table substantially in the plane thereof, said vacuum table being adjustable in two mutually perpendicular directions in the plane of the punching table and being rotatable about an axis perpendicular to said plane. Adjustment means for the adjustment of the vacuum table are operatively connected to the sensors to control the operation thereof via a microprocessor in dependence of the adjustment marks being sensed by the sensors. When the method is practised the sheet is attached by suction to the vacuum table, and this table and thus the sheet is positioned by the adjustment of the vacuum table, the positioning being controlled in dependence of the position of the adjustment marks being sensed. After positioning the sheet is punched, the sheet then being released from the vacuum table and removed from the punching table.

IPC 1-7

**B26F 1/00**; **B26D 5/30**

IPC 8 full level

**B26D 7/01** (2006.01)

CPC (source: EP)

**B26D 7/015** (2013.01)

Cited by

DE19806579B4

Designated contracting state (EPC)

AT DE GB

DOCDB simple family (publication)

**WO 9304825 A1 19930318**; AT E150352 T1 19970415; AU 2579292 A 19930405; DE 603343 T1 19961010; DE 69218443 D1 19970424; DE 69218443 T2 19970626; EP 0603343 A1 19940629; EP 0603343 B1 19970319; SE 9102602 D0 19910910

DOCDB simple family (application)

**SE 9200632 W 19920908**; AT 92925489 T 19920908; AU 2579292 A 19920908; DE 69218443 T 19920908; DE 92925489 T 19920908; EP 92925489 A 19920908; SE 9102602 A 19910910