

Title (en)

CUTTER TEMPLATE CLAMPING AND LIMITING APPARATUS, AND CUTTING PROCESSING CENTER USING SAME

Title (de)

SCHNEIDSCHABLONENKLEMM- UND -BEGRENZUNGSVORRICHTUNG UND SCHNEIDVERARBEITUNGSZENTRUM DAMIT

Title (fr)

APPAREIL DE SERRAGE ET DE LIMITATION DE GABARIT DE DISPOSITIF DE COUPE ET CENTRE DE TRAITEMENT DE COUPE L'UTILISANT

Publication

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Application

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Abstract (en)

The present invention relates to a die cutter clamping and limiting device, including a clamping assembly and a limiting assembly, which are mounted on a die cutter fixing plate. The clamping assembly includes a left die pressing plate, a right die pressing plate, and pressing cylinders. The left die pressing plate and the right die pressing plate are disposed on the left and right side edges of a lower surface of the die cutter fixing plate respectively. The pressing cylinders are disposed inside the die cutter fixing plate and drive the left die pressing plate and the right die pressing plate respectively to press a die cutter closely against the lower surface of the die cutter fixing plate. The limiting assembly includes front limiting components and rear limiting components located at front and rear side surfaces of the die cutter fixing plate. At least one of the front limiting component and the rear limiting component is a movable limiting component and the other is a fixed limiting component or movable limiting component. The movable limiting components perform limiting for the front and rear side surfaces of the die cutter by performing linkage with the left die pressing plate or the right die pressing plate. The present invention further provides a cutting and processing center using the device. The present invention can improve the position repeatability and positioning accuracy of changing the die cutter.

IPC 8 full level

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