

Title (en)

A method and a cutting and creasing die for the production of creased and cut shapes

Title (de)

Verfahren und Stanz- und Rillwerkzeug zur Herstellung von gerillten Stanzteilen

Title (fr)

Une méthode ainsi qu'un outil d'estampage et rainurage pour la fabrication de pièces découpées et rainurées

Publication

**EP 0790109 B1 20020605 (DE)**

Application

**EP 97102095 A 19970210**

Priority

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- DE 19610574 A 19960318

Abstract (en)

[origin: US6106453A] In the method for production of scored punched parts from a material sheet by a punching and scoring tool the formation of scores in the material sheet is started before the punching process is initiated. The punching and scoring tool has a carrier board, on the underside of which punching elements and scoring elements are provided, and a punching/scoring plate under the carrier board, in which scoring grooves are formed under the scoring elements. The scoring elements in an initial position, in which the scoring elements and punching elements are arranged at a distance from the punching/scoring plate, project further from the carrier board towards the punching/scoring plate than the punching elements. The scoring elements are also mounted flexibly on the carrier board in the lifting direction.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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