

Title (en)

Method for manufacture of workpieces by punching, in particular in a precision counter punching tool.

Title (de)

Verfahren zum Herstellen von Werkstücken durch Schneiden, insbesondere in einem Konterschneidwerkzeug.

Title (fr)

Méthode pour manufacture de pièces d'oeuvre par découpage, en particulier dans un outil à contre découpage à précision.

Publication

EP 0418779 B1 19940420 (DE)

Application

EP 90117855 A 19900917

Priority

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Abstract (en)

[origin: EP0418779A1] In a method for manufacture of burr-free workpieces by punching, in particular in a precision counterpunching tool, a punching strip (66) from which the workpiece is to be punched, is to be clamped between an upper (5) and a lower die plate (4) and an upper (48) and a lower (13) punch. Cutting is effected by interaction with an upper and a lower punch. During a stroke, the punching strip undergoes an initial cut in the shape of the workpiece, and the workpiece is punched out in the opposite direction during the same stroke. Burr-free workpieces are thereby produced. <IMAGE>

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Cited by

EP0585576A1; CN104043754A; FR2751570A1; US7681427B2; EP2036631A1; CN103112046A; CN110303095A; EP0820821A1; FR2751571A1; WO2006040105A3; WO2009065694A1

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