

Title (en)

Method and device for deep-drawing sheet materials with a stamp deformable underneath a plunger.

Title (de)

Verfahren und Vorrichtung zum Tiefziehen von Blattmaterialien mit einem deformierbaren Stempel unter einem Tauchkolben.

Title (fr)

Procédé et dispositif d'emboutissage de matériaux en feuille avec poinçon déformable sous plongeur.

Publication

EP 0376808 B1 19931118 (FR)

Application

EP 89403589 A 19891220

Priority

FR 8817524 A 19881230

Abstract (en)

[origin: JPH02284724A] PURPOSE: To execute forming of sheet material with a deformable punch by placing a sheet blank on a support, under the action of an outer slide applying an upper blank holder on the peripheral portion of the sheet blank, and executing preforming with an elastic cushion and then final forming. CONSTITUTION: On a support in which peripheral part forms a lower blank holder 2 and central part constitutes a die 3, a sheet blank 20 to be formed is placed. Under the action of an outer slide 21, on the peripheral portion of the sheet blank 20 an upper peripheral blank holder 9 is applied, and after that by applying punch under the action of a ram 22, pressing of the sheet blank 20 is performed with a cushion made of elastic material.

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CPC (source: EP US)

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