

Title (en)  
DEVICE FOR DEEP-DRAWING SHEET MATERIALS

Publication  
**EP 0380894 B1 19920506 (FR)**

Application  
**EP 89403591 A 19891220**

Priority  
FR 8817525 A 19881230

Abstract (en)  
[origin: JPH03198924A] PURPOSE: To keep a sheet material blank between upper and lower blank holders and to enable forming it by composing the lower blank holder which cooperates with the upper blank holder of supporting and holding means to partially clamp the sheet material blank on a cushion. CONSTITUTION: By composing the device for pressing the sheet material blanks, especially a sheet metal blanks of the cushion 2 of an elastic material which is arranged in a retaining box 1, means for preforming the sheet material blank 10 including an outer slide 28 for carrying the upper blank holder 6, means for finally forming the sheet material blank 10 including a center slide 30 which acts on a punch 8 and, further, the lower blank holder for cooperating with the upper blank holder 6, which is composed of the frame 3 of the sheet material blanks 3 and retaining box 1, to clamp the sheet material blank 10 directly placed on the cushion 2 at least in a partial region, the sheet material blank 10 is clamped with the upper and lower blank holders and formed.

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**B21D 22/10**

IPC 8 full level  
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CPC (source: EP US)  
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