

Title (en)  
Forming apparatus

Title (de)  
Umformvorrichtung

Title (fr)  
Appareil de formage

Publication  
**EP 0858848 B1 20011017 (DE)**

Application  
**EP 98102248 A 19980210**

Priority

- EP 98102248 A 19980210
- DE 19705244 A 19970212
- DE 29823606 U 19980210
- US 15472598 A 19980917

Abstract (en)  
[origin: US6041633A] The invention is directed to a forming device, especially internal high-pressure forming device, with a multiple-part forming tool and a clamping device which holds the parts of the forming tool together against the deforming action. In the novel forming device, according to the invention, the clamping device and/or the forming tool have/has at least one counter-clamping device which compensates at least partially for deformations of the mold cavity during forming. The possibility of compensation according to the invention makes it possible to construct the clamping and/or forming tool parts in a less solid manner.

IPC 1-7  
**B21D 26/02**

IPC 8 full level  
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CPC (source: EP US)  
**B21D 26/025** (2013.01 - EP US); **B21D 26/039** (2013.01 - EP US)

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**DE 19705244 A1 19980813**; DE 29823606 U1 19990902; EP 0858848 A1 19980819; EP 0858848 B1 20011017; US 6041633 A 20000328

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