

Title (en)  
Method and device for forming of metals

Title (de)  
Verfahren und Vorrichtung zur Umformung von Metallen

Title (fr)  
Procédé et dispositif de formage des métaux

Publication  
**EP 1025925 B1 20020410 (DE)**

Application  
**EP 99810499 A 19990607**

Priority  

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- EP 99810086 A 19990202
- EP 99810464 A 19990527

Abstract (en)  
[origin: EP1025925A1] The deforming process involves clamping the metal part (2) in a clamping device (4) to form a forging cavity (13) in the swage (5) with the part clamped to take forging forces directly; applying a forging hammer (7) to force metal into the forging cavity, exerting pressure on the hammer so that the mechanical stress is within the Hooke elastic region, applying a pulse with the hammer so that the metal passes into the flowing region and repeating the last two stages.

IPC 1-7  
**B21J 5/08**

IPC 8 full level  
**B21J 5/08** (2006.01); **B21K 21/12** (2006.01)

CPC (source: EP KR)  
**B21J 5/08** (2013.01 - EP KR); **B21K 21/12** (2013.01 - EP)

Cited by  
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