

Title (en)

Use of a warm upsetting method, use of a reforming tool, method for producing a forge preform and warm upsetting device

Title (de)

Verwendung eines Warmstauchverfahrens, Verwendung eines Umformwerkzeugs, Verfahren zum Erzeugen einer Schmiedevorform und Umformvorrichtung oder Warmstauchvorrichtung

Title (fr)

Utilisation d'un procédé de refoulement chaud, utilisation d'un outil de déformage, procédé de production d'une préforme forgée et dispositif de déformage ou dispositif de refoulement chaud

Publication

EP 2484462 A3 20121024 (DE)

Application

EP 12000767 A 20120206

Priority

- DE 102011010446 A 20110204
- DE 102011105244 A 20110610

Abstract (en)

[origin: EP2484462A2] The hot upsetting method involves forming a contour of a work piece with a forging tool to a forging preform contour. The work piece is introduced into a cavity (8) of the forming tool. The work piece is compressed in a forming tool (2) to a forging preform with varying cross-sections and is provided as forged preform with a defined volume pre-distribution for a subsequent forging process. Independent claims are also included for the following: (1) a forming tool with a cavity for generating a forging preform with varying cross-sections for producing a forging; and (2) a forming device or warm compression device for generating a forging preform for forging a forging with a forming tool.

IPC 8 full level

B21J 1/04 (2006.01); **B21J 5/08** (2006.01); **B21J 13/02** (2006.01)

CPC (source: EP)

B21J 1/04 (2013.01); **B21J 5/08** (2013.01); **B21J 13/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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