

Title (en)

Device for forging a hollow body from a pre-perforated hollow block

Title (de)

Vorrichtung zum Schmieden eines Hohlkörpers aus einem vorgelochten Hohlblock

Title (fr)

Dispositif destiné au forgeage d'un bloc creux pré-percé

Publication

EP 2853319 B1 20170222 (DE)

Application

EP 14183028 A 20140901

Priority

AT 506172013 A 20130925

Abstract (en)

[origin: US2015082846A1] An apparatus for forging a hollow body from a pre-perforated hollow block includes forging tools that can be driven radially in relation to a forging axis, a clamping head which is displaceable on a guide bed in the direction of the forging axis and includes collet chucks for the hollow block, and a mandrel carriage which is arranged on the side of the clamping head facing away from forging tools, which is displaceable independently of the clamping head along the guide bed, and whose mandrel bar provided with the forging mandrel penetrates the clamping head coaxially to the forging axis. In order to provide advantageous constructional conditions the mandrel carriage includes an axial actuating drive for the mandrel bar and can be coupled in a tension-proof manner to the clamping head.

IPC 8 full level

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CPC (source: AT EP US)

B21B 25/02 (2013.01 - US); **B21D 37/00** (2013.01 - US); **B21J 13/08** (2013.01 - AT); **B21J 13/085** (2013.01 - EP US); **B21J 7/14** (2013.01 - EP US); **B21J 13/10** (2013.01 - EP US)

Citation (opposition)

Opponent : Felss Systems GmbH

- DE 102010014583 A1 20111013 - FELSS GMBH [DE]
- EP 0492211 A1 19920701 - SPAETH WALTER [DE]
- EP 2218526 A1 20100818 - SMS MEER GMBH [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 14183028 A 20140901; AT 506172013 A 20130925; US 201414494736 A 20140924