

Title (en)

PRESS AND PROCESS FOR DEFORMING METAL PIECES

Title (de)

PRESSE UND VERFAHREN ZUM VERFORMEN METALLISCHER WERKSTÜCKE

Title (fr)

PRESSE ET PROCEDE POUR DÉFORMER DES PIÈCES MÉTALLIQUES

Publication

**EP 2995446 B1 20181205 (EN)**

Application

**EP 15184429 A 20150909**

Priority

IT MI20141558 A 20140909

Abstract (en)

[origin: EP2995446A1] Press (1) for deforming at least one metal piece initially having the shape of a billet or similar semifinished product, comprising at least one mould (3) for the metal piece and at least one deforming core pin (2) that can be reversibly, and at least partially, inserted into the mould (3) to plastically deform the metal piece. The core pin (2) is arranged on a ram (4) movable along a first axis (A1), and is connected through a connecting rod (6) to a movement element (5) reciprocating at least axially along a second axis (A2) incident to the first axis (A1). The movement element (5) is electrically driven.

IPC 8 full level

**B30B 1/10** (2006.01); **B21J 9/02** (2006.01); **B30B 7/04** (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)

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CN106925704A; WO2023031767A1

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