

Title (en)  
METHOD AND DEVICE FOR PRODUCING METAL ITEMS FROM METAL BLANKS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON METALLARTIKELN AUS METALLROHLINGEN

Title (fr)  
PROCEDE ET DISPOSITIF DE PRODUCTION D'ARTICLES METALLIQUES A PARTIR D'EBAUCHES METALLIQUES

Publication  
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Application  
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Abstract (en)  
[origin: WO0160537A2] The invention relates to a method for producing metal items from metal blanks (1). The metal blank is positioned between two roller surfaces of two rollers (5), these roller surfaces being opposed and having means for being rolled out against each other from a starting position to an end position. A negative mold of the metal item to be produced is created with at least one recess in a roller surface. The process of positioning the metal blank in the starting position of the rollers takes place in the area of the recess. The rollers are then rolled out against each other from the starting position to the end position, the metal blank being shaped into the metal item by cold-forming as the rollers roll out; and the formed metal item is removed from the rollers. The invention is characterized in that the recess is configured with a variable depth curve in the directions parallel to a roller axis, at least in a partial area, and in the rolling-out direction of the rollers.

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