

Title (en)  
PROCESS AND INSTALLATION FOR PRODUCING A COMPONENT FROM SHEET MAGNESIUM

Title (de)  
VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINES BAUTEILS AUS MAGNESIUMBLECH

Title (fr)  
PROCÉDÉ ET INSTALLATION DE FABRICATION D'UNE PIÈCE EN TÔLE DE MAGNÉSIUM

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Application  
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Abstract (en)  
[origin: CA2816172A1] The invention relates to a process and an installation for producing a component (2') from sheet magnesium, comprising a forming tool (3), which has a punch (3.1) and a die (3.2), for forming a semifinished product (2) from sheet magnesium, in particular a semifinished product in the form of a sheet magnesium blank, and an apparatus (1) for heating the semifinished product (2) before forming to an elevated temperature, preferably to a temperature of at least 200°C. In order to reduce the component costs, the invention proposes that the forming tool (3) is formed without an internal heat source, is provided with a semifinished product holder (3.3) on which the heated semifinished product (2) can be positioned without direct contact with the punch (3.1) and the die (3.2) in the forming tool (3), and has a drive which brings about a closing speed of the punch and the die in the range of 15 mm/s to 500 mm/s.

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