

Title (en)  
METHOD FOR BENDING A WORKPIECE

Title (de)  
VERFAHREN ZUM BIEGEN EINES WERKSTÜCKS

Title (fr)  
PROCÉDÉ DE PLIAGE D'UNE PIÈCE

Publication  
**EP 2900395 A1 20150805 (DE)**

Application  
**EP 13802850 A 20130925**

Priority  
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• AT 2013050195 W 20130925

Abstract (en)  
[origin: WO2014047669A1] The invention relates to a method for bending a workpiece (1) consisting of sheet metal, wherein a deformation region (6), particularly a strip-shaped region, on the workpiece (1) containing the bent edge (5) to be produced is heated before and/or during the bending process to a deforming temperature below the fusion temperature of the metal to increase deformability locally. In order to reduce undesirable deformations as a result of shrinkage stresses, the workpiece (1) is heated before and/or during and/or after the bending process in at least one heating zone (11) that is different from the deformation zone (6), by means of the application of energy from outside the workpiece (1), proceeding from an initial temperature to a treatment temperature below the fusion temperature of the metal.

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Citation (search report)  
See references of WO 2014047669A1

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