

Title (en)

METHOD FOR PRODUCING A COMPONENT BY SUBJECTING A SHEET BAR OF STEEL TO A FORMING PROCESS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS DURCH UMFORMEN EINER PLATINE AUS STAHL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT STRUCTUREL PAR FORMAGE D'UNE PLAQUE EN ACIER

Publication

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Application

EP 15786860 A 20151006

Priority

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Abstract (en)

[origin: WO2016066155A1] The invention relates to a method for producing a component by subjecting a sheet bar of steel to a forming process according to the preamble of patent claim 1, which makes it possible for cold-hardened mechanically separated edges of sheet to undergo forming and, independently of the forming into a component, at any desired point in time after the cutting to size of the sheet bar and any further stamping or cutting operations, the edges of sheet that have been cold-hardened by the cutting or punching operations and undergo subsequent cold working in the production of the component are heated to a temperature of at least 600°C, and the time of the temperature exposure is at most 10 seconds.

IPC 8 full level

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Citation (search report)

See references of WO 2016066155A1

Cited by

US11383288B2; US11732317B2

Designated contracting state (EPC)

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