

Title (en)

METHOD FOR PRODUCING A COMPONENT BY FURTHER FORMING OF A PREFORMED CONTOUR

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS DURCH WEITERFORMEN EINER VORGEFORMTEN KONTUR

Title (fr)

PROCÉDÉ POUR LA FABRICATION D'UNE PIÈCE PAR MISE EN FORME ULTÉRIEURE D'UN CONTOUR PRÉFORMÉ

Publication

EP 3585531 A1 20200101 (DE)

Application

EP 18702238 A 20180126

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Abstract (en)

[origin: WO2018153615A1] The invention relates to a method for producing a component by further forming of a preformed contour of a blank, wherein the blank which has previously been cut to size at room temperature from a strip or a sheet is subjected to a first shaping operation at ambient temperature after optional further production steps carried out at ambient temperature, such as for example stamping or cutting operations to achieve clearances or apertures, in selected edge regions that have been cold-hardened by the stamping or cutting operations to obtain a preformed contour. Optionally the edge regions that are already intended for shaping, but at least the edge regions that have already undergone the first shaping are thereby heated to a temperature of at least 600 °C for a maximum time of 10 seconds and, at any desired time after this thermal treatment, the edge regions are subjected to a second shaping or to further shaping operations at ambient temperature with prior thermal treatments in each case.

IPC 8 full level

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CPC (source: EP KR RU US)

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Citation (search report)

See references of WO 2018153615A1

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