

Title (en)

METHOD AND DEVICE FOR PRODUCING FORMED, IN PARTICULAR FLANGED, SHEET METAL COMPONENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON GEFORMTEN, INSBESONDERE FLANSCHBEHAFTETEN BLECHBAUTEILEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'ÉLÉMENTS EN TÔLE FORMÉS, EN PARTICULIER D'ÉLÉMENTS EN TÔLE À BRIDES

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Application

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Abstract (en)

[origin: WO2018046356A1] The invention relates to a method for producing a formed, in particular flanged, component wherein the method comprises: preforming a workpiece (3a) into a preformed component (3b), and sizing the preformed component (3b) to a substantially finished component (3c). The object of increasing the hardness in the component and of expanding the range of application to components which, within the constraints of the prior art methods, could not hitherto be drawn without folds, i.e. in particular to form concave components, is achieved in that the sizing of the preformed component (3b) to the finished component (3c) includes stretching at least some parts of the preformed component (3b). The invention further relates to a device for producing a formed, in particular flanged, component.

IPC 8 full level

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