

Title (en)

METHOD FOR HEATING A SHAPED COMPONENT FOR A SUBSEQUENT PRESS HARDENING OPERATION AND CONTINUOUS FURNACE FOR REGIONALLY HEATING A SHAPED COMPONENT PREHEATED TO A PREDETERMINED TEMPERATURE TO A HIGHER TEMPERATURE

Title (de)

VERFAHREN ZUM ERWÄRMEN EINES FORMBAUTEILS FÜR EIN ANSCHLIEßENDES PRESSHÄRTEN SOWIE DURCHLAUFOFEN ZUM BEREICHSWEISEN ERWÄRMEN EINES AUF EINE VORGEGEBENE TEMPERATUR VORGEWÄRMTE FORMBAUTEILS AUF EINE HÖHERE TEMPERATUR

Title (fr)

PROCÉDÉ DE RÉCHAUFFEMENT D'UN ÉLÉMENT FAÇONNÉ POUR UNE TREMPÉ À LA PRESSE EFFECTUÉE PAR LA SUITE ET FOUR CONTINU DESTINÉ AU RÉCHAUFFEMENT PAR ENDROITS D'UN ÉLÉMENT FAÇONNÉ PRÉCHAUFFÉ À UNE TEMPÉRATURE PRÉDÉFINIE À UNE TEMPÉRATURE PLUS ÉLEVÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013000001A1] There is described a method for heating a shaped component (2) for a subsequent press hardening operation, wherein the shaped component (2) is initially heated to a predetermined temperature and subsequently heated regionally to a higher temperature by means of heating elements (7) of a heating element array (10), said heating elements being controllable independently of one another. In order to ensure an advantageous temperature profile, it is proposed that, while it is conveyed through the heating element array (10), the shaped component (2) is heated with the aid of the heating elements (7) which are arranged in longitudinal and transverse rows (8 and 9) with respect to the conveying direction (3) and are controllable at least in groups with different heat outputs.

IPC 8 full level

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Citation (search report)

See references of WO 2013000001A1

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