

Title (en)

METHOD AND DEVICE FOR PARTIALLY HARDENING SHEET METAL COMPONENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PARTIELLEN HÄRTEN VON BLECHBAUTEILEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LE DURCISSEMENT PARTIEL DE COMPOSANTS EN TÔLE

Publication

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Application

EP 12780705 A 20121023

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Abstract (en)

[origin: WO2013087274A1] The invention relates to a method for producing partially-hardened components from steel sheets, in which a component that is cold-formed from a hardenable steel sheet material is heated, in a furnace, to a temperature below the austenitisation temperature ($< A_{c3}$), and a radiating element acts upon the component in sections where said component is to be austenitised ($< A_{c3}$), this radiating element having a component-side contour that corresponds to the contour of the component in the section to be austenitised. The invention also relates to a device for carrying out said method.

IPC 8 full level

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