

Title (en)
METHOD FOR THE PRODUCTION OF A PRESS-HARDENED COMPONENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PRESSGEHÄRTETEN BAUTEILS

Title (fr)
PROCEDE DE PRODUCTION D'UN COMPOSANT TREMPE SOUS PRESSION

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Application
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Abstract (en)
[origin: WO2005009642A1] The invention relates to a method for the production of press-hardened components, more particularly press-hardened components of the bodywork of an automobile, consisting of a semi-finished product (2) made of non-hardened, sheet steel which can be deformed when warm, in addition to a press-hardened component produced according to said method. The inventive method consists of several steps. The semi-finished product (2), which is pre-coated with a first coating (33), is used to form a component blank (10) in a cold-forming method, especially a drawing process. The edge-side of the component blank (10) is cut to form an edge contour (12') approximately corresponding to the component (1) which is to be produced. The cut component blank (17) is heated and is press-hardened in a warm forming tool (23), whereupon the press-hardened component blank (18) is provided with a second anti-corrosion coating (34) in a coating step.

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