

Title (en)
METHOD FOR PRODUCING A PRESS-QUENCHED METAL COMPONENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PRESSGEHÄRTETEN METALLBAUTEILS

Title (fr)
PROCÉDÉ DE FABRICATION D'UNE PIÈCE MÉTALLIQUE TREMPÉE À LA PRESSE

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Application
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Abstract (en)
[origin: WO2010094538A1] The invention relates to a method for producing a press-quenched metal component, in which a sheet bar (2) or a semifinished blank (30, 40, 50, 60) is press-quenched in a forming tool (12), wherein the sheet bar (2) or the semifinished blank (30, 40, 50, 60) has subregions (4, 36) with reduced wall thickness and the subregions (4, 36) with reduced wall thickness are not press-quenched. The invention also relates to a press-quenched metal component of steel or a steel alloy, in particular for a motor vehicle, preferably produced by a method according to the invention, which is not press-quenched in at least one subregion (4, 36), wherein at least one subregion (4, 36) that is not press-quenched has a reduced wall thickness in comparison with the subregions that are press-quenched.

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Citation (examination)
• WO 2006038868 A1 20060413 - GESTAMP HARDTECH AB [SE], et al
• DE 102005025026 B3 20061019 - THYSENKRUPP STEEL AG [DE]
• WO 2008024042 A1 20080228 - GESTAMP HARDTECH AB [SE], et al
• WO 2010133526 A1 20101125 - THYSENKRUPP STEEL EUROPE AG [DE], et al

Cited by
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