

Title (en)
METHOD FOR RESHAPING METAL BLANKS MADE OF SUPERIOR AND SUPREME HARDNESS STEELS

Title (de)
VERFAHREN ZUM UMFORMEN VON PLATINEN AUS HÖHER- UND HÖCHSTFESTEN STÄHLEN

Title (fr)
PROCÉDÉ DE FACONNAGE DE PLATINES EN ACIERS À RÉSISTANCE ÉLEVÉE ET TRÈS ÉLEVÉE

Publication
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Application
EP 07728442 A 20070424

Priority
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Abstract (en)
[origin: US2009178740A1] A forming tool and a method for the press-hardening and tempered forming of a blank from high and/or very high strength steels are provided, in which the blank is heated before the tempered forming and then formed hot or semi-hot in a forming tool, wherein the forming tool has means for tempering. This is achieved in that the forming tool makes precisely defined temperature guidance of the blank during forming, and in that a plurality of controllable means are provided in the forming tool for tempering the forming tool, by which a plurality of temperature zones can be tempered in the forming tool, wherein at least contact surfaces of forming tool elements used for the tempered forming are allocated to individual temperature zones.

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