

Title (en)

METHODS FOR PRODUCING CONSTITUENT MEMBERS MADE OF AGEING-SENSITIVE STEEL AND COATED WITH BAKING ENAMEL

Title (de)

VERFAHREN ZUR ERZEUGUNG VON EINBRENNLACKIERTEN BAUTEILEN AUS ALTERUNGSEMPFINDLICHEM STAHL

Title (fr)

PROCEDES DE PRODUCTION D'ELEMENTS CONSTITUTIFS EN ACIER SENSIBLE AU VIEILLISSEMENT, VERNIS AU VERNIS A CUIRE

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Application

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Abstract (en)

[origin: WO9914384A1] The present invention relates to methods for producing a bulge-resistant constituent member coated with baking enamel, wherein said member is made from a temper-pass cold-rolled strip (cold-rolled strip) of an ageing-sensitive steel having a high bake-hardening potential, in particular a bake-hardening potential of more than 70 N/mm<2>. This invention is characterised in that the cold-rolled strip is temper-passed in conditions of no apparent yielding point (Reh-Rel < 2 N/mm<2>) and stored at a temperature lower than the ambient temperature before being further submitted to a process for giving its shape to the constituent member. The strip is further coated with a baking enamel.

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