

Title (en)

METHOD FOR THE PRODUCTION OF COATED AND HARDENED COMPONENTS MADE OF STEEL, AND COATED AND HARDENABLE STEEL STRIP THEREFOR

Title (de)

VERFAHREN ZUM HERSTELLEN VON BESCHICHTETEN UND GEHÄRTETEN BAUTEILEN AUS STAHL UND BESCHICHTETES UND HÄRTBARES STAHLBAND HIERFÜR

Title (fr)

PROCÉDÉ SERVANT À FABRIQUER DES PIÈCES EN ACIER REVÊTUES ET TREMPÉES ET BANDE D'ACIER CORRESPONDANTE REVÊTUE ET POUVANT ÊTRE TREMPÉE

Publication

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Application

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Abstract (en)

[origin: CA2705700A1] The invention relates to a method for the production of a hardened component made of a hardenable steel, wherein the steel strip is exposed to a temperature increase in an oven, and is thus exposed to an oxidizing treatment such that a surface oxide layer is created, and subsequently a coating using a metal or a metal alloy is carried out. The strip is heated and at least partially austenitized for producing an at least partially hardened component, and subsequently cooled and thereby hardened. The invention also relates to a steel strip produced according to said method.

IPC 8 full level

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Cited by

EP2984198B1; CN103320589A; WO2020079200A1; DE102018217835A1

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