

Title (en)
METHOD OF MANUFACTURING A METAL STRIP MADE OF STEEL HAVING A CONSTANT THICKNESS AND VARYING MECHANICAL PROPERTIES

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES METALLBANDES AUS STAHL MIT EINER KONSTANTEN METALLBANDDICKE UND UNTERSCHIEDLICHEN MECHANISCHEN EIGENSCHAFTEN

Title (fr)
PROCEDE DE FABRICATION D'UNE BANDE MÉTALLIQUE EN ACIER PRÉSENTANT UNE ÉPAISSEUR CONSTANTE ET DES PROPRIÉTÉS MÉCANIQUES DIFFÉRENTES

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Application
EP 11702167 A 20110125

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Abstract (en)
[origin: WO2011095417A2] The invention relates to a metal strip made of steel by generating a hot rolled strip by hot rolling and cold rolling the metal strip; the invention further relates to a plate which consists of the metal strip according to the invention and to the use thereof and to a method for producing the metal strip. The aim of creating a metal strip from which components having minimal weight and adapted to specific stresses can be produced with little effort is solved by a metal strip of the type in question which has a constant metal strip thickness after cold rolling and regions in sections having varying mechanical properties. After cold rolling according to the invention means that immediately after completion of cold rolling, that is, without further treatment, such as temperature treatment, there are regions of varying mechanical properties in the metal strip.

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See references of WO 2011095417A2

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WO 2009095264 A1 20090806 - CORUS STAAL BV [NL], et al

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