

Title (en)

METHOD FOR MAKING A COLD ROLLED STEEL STRIP FOR DEEP-DRAWING

Title (de)

VERFAHREN ZUM HERSTELLEN VON KALTGEWALZTEM STAHLBAND ZUM TIEFZIEHEN

Title (fr)

PROCEDE DE FABRICATION D'UNE BANDE D'ACIER LAMINEE A FROID POUR EMBOUTISSAGE PROFOND

Publication

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Application

EP 00969113 A 20001003

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Abstract (en)

[origin: WO0127340A1] The invention concerns a method for making a low carbon and low manganese cold rolled steel strip for deep-drawing whereby a steel strip hot rolled in the austenistic region coiled at the end of the high temperature hot rolling process (680 DEG C < T < 750 DEG C) is subjected to a cold rolling process with a reduction rate between 65 and 80 %, and finally subjected to an annealing and overageing heat treatment. It consists in heating the steel strip at a heating rate Vh ranging between 150 DEG C/s and 1000 DEG C up to the annealing temperature Ta ranging between 650 DEG C and 750 DEG C, and in maintaining it at said annealing temperature for a time interval between 1 and 20 seconds, then in cooling it at a cooling rate Vc between 100 DEG C/s and 500 DEG C/s up to an overageing temperature Toa ranging between 150 DEG C and 450 DEG C.

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