Title (en)

METHOD FOR PRODUCING IMPROVED COLD ROLLED STRIP THAT IS CAPABLE OF BEING DEEP DRAWN OR IRONED, AND COLD ROLLED STRIP, PREFERABLY USED FOR PRODUCING CYLINDRICAL CONTAINERS AND, IN PARTICULAR, BATTERY CONTAINERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TIEFZIEH- ODER ABSTRECKZIEHFÄHIGEM, VEREDELTEM KALTBAND SOWIE KALTBAND, VORZUGSWEISE ZUR HERSTELLUNG VON ZYLINDRISCHEN BEHÄLTERN UND INSBESONDERE BATTERIEBEHÄLTERN

Title (fr)

PROCEDE DE REALISATION DE FEUILLARD LAMINE A FROID AMELIORE, APTE A L'EMBOUTISSAGE OU A L'ETIRAGE, ET FEUILLARD SERVANT DE PREFERENCE A LA REALISATION DE RECIPIENTS CYLINDRIQUES ET EN PARTICULIER DE RESERVOIRS DE BATTERIES

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Application

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Abstract (en)

[origin: DE19937271A1] The invention relates to a method for producing improved cold rolled strip which is capable of being deep drawn or ironed and which has a carbon content of less than 0.5 wt. %. The invention also relates to a cold rolled strip that can be produced by such a method, preferably used for producing cylindrical containers and, in particular, battery containers by deep drawing or ironing. The strip that is cold rolled with a cold rolling degree ranging from 30 to 95 % is subjected to a thermal treatment in the annealing furnace and to a preferably galvanic coating of at least one of both strip surfaces. In order to obtain an isotropic steel strip which has a low level of texturing and which has a low tendency toward earing, the coating produced with one or multiple layers contains the elements nickel/ cobalt/ iron/ bismuth/ indium/ palladium/ gold/ tin or alloys thereof, whereby the thermal treatment is effected by an annealing, which is carried out before or after the coating process, in the continuously running strip annealing furnace at a temperature greater than the limit temperature to the austenite range (gamma range).

IPC 1-7

C25D 5/50

IPC 8 full level

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DOCDB simple family (application)

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