

Title (en)

STEEL STRIP, SHEET OR BLANK HAVING IMPROVED FORMABILITY AND METHOD TO PRODUCE SUCH STRIP

Title (de)

STAHLBAND, BLECH ODER ROHLING MIT VERBESSERTER VERFORMBARKEIT UND VERFAHREN ZUR HERSTELLUNG SOLCH EINES BANDES

Title (fr)

BANDE D'ACIER, FEUILLE OU DÉCOUPE PRÉSENTANT UNE FORMABILITÉ AMÉLIORÉE ET PROCÉDÉ POUR PRODUIRE UNE TELLE BANDE

Publication

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Application

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Abstract (en)

[origin: WO2019215132A1] The invention relates to a steel strip, sheet or blank consisting of the following elements (in wt%): 0.05 - 0.20 C 0.10 – 0.70 Si 0.80 - 2.50 Mn 0.01 - 0.10 Al 0.07 - 0.25 Ti 0.10 - 0.35 V 0.05 - 0.40 Mo optionally 0.02 - 0.10 Nb optionally 0.01 - 0.80 Cr at most 0.06 P at most 0.01 S at most 0.01 N at most 0.05 Ca the balance consisting of inevitable impurities and Fe, wherein the steel has a microstructure of at least 90% ferrite, the remainder being cementite and/or pearlite.

IPC 8 full level

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