

Title (en)

STEEL PREFERABLY SUITABLE FOR MAKING SHELLS OF CASTER ROLLS FOR ALUMINIUM AND ITS ALLOYS AND RELEVANT HEAT TREATMENT

Title (de)

STAHL, VORZUGSWEISE GEEIGNET ZUR HERSTELLUNG VON HÜLLEN VON GIESSWALZEN FÜR ALUMINIUM UND SEINE LEGIERUNGEN UND RELEVANTE WÄRMEBEHANDLUNG

Title (fr)

ACIER APPROPRIÉ, DE PRÉFÉRENCE, À LA FABRICATION DE VIROLES DE CYLINDRES DE COULÉE POUR L'ALUMINIUM ET SES ALLIAGES, ET TRAITEMENT THERMIQUE ADÉQUAT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008029268A1] The invention is a steel, advantageously but not exclusively for making rolling mills and/or continuous casting rolls, comprising a variable percentage - in weight - alloyed with iron Fe: C from 0.48 % to 0.60%, Mn from 0.45% to 0.60%, Si from 0.30% to 0.60%, Ni from 0.40% to 0.60%, Cr from 1.80% to 2.50%, Mo from 0.80% to 1.10%, V from 0.30% to 0.50%, W from 0.30% to 0.70%. The invention also concerns a heat treatment, a rolling mill and a shell for rolling mills.

IPC 8 full level

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Citation (search report)

See references of WO 2008029268A1

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