

Title (en)

LOW DENSITY HIGH STRENGTH STEEL AND METHOD FOR PRODUCING SAID STEEL

Title (de)

HOCHFESTER STAHL VON GERINGER DICHTHE UND VERFAHREN ZUR HERSTELLUNG DIESES STAHL

Title (fr)

ACIER À HAUTE RÉSISTANCE, À FAIBLE DENSITÉ, ET PROCÉDÉ DE FABRICATION DUDIT ACIER

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Application

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Abstract (en)

[origin: WO2013034317A1] The present invention relates to a low density high strength steel sheet comprising 0.15% to 0.25% C, 2.5% to 4% Mn, 0.02% or less P, 0.015% or less S, 6% to 9% Al and 0.01% or less N, the balance being iron and inevitable impurities, wherein 1.7.(Mn-Al) + 52.7.C is at least 3 and at most 4.5 and to a method of producing said low density and high strength steel sheet.

IPC 8 full level

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