

Title (en)

METHOD FOR PRODUCING A STEEL MATERIAL, AND STEEL MATERIAL

Title (de)

VERFAHREN ZUM HERSTELLEN EINES STAHLWERKSTOFFS UND STAHLWERKSSTOFF

Title (fr)

PROCÉDÉ DE FABRICATION D'UN MATÉRIAU ACIER ET MATÉRIAU ACIER

Publication

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Application

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Abstract (en)

[origin: WO2017198530A1] The invention relates to a method for producing a steel material, particularly a corrosion-resistant steel material for pumps and similar, in which a steel corresponding to the following analysis (in wt.%) is smelted: C < 0.050; Si < 0.70; Mn < 1.00; P < 0.030; S < 0.010; Cr = 14–15.50; Mo = 0.30-0.60; Ni = 4.50-5.50; V < 0.20; W < 0.20; Cu = 2.50-4.00; Co < 0.30; Ti < 0.05; Al < 0.05; Nb < 0.05; Ta < 0.05; N < 0.05.

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