

Title (en)

HIGH-STRENGTH, ANTI-CORROSIVE IRON-MANGANESE-CHROME ALLOY

Title (de)

HOCHFESTE UND KORROSIONSBESTÄNDIGE EISEN-MANGAN-CHROM-LEGIERUNG

Title (fr)

ALLIAGE FER-MANGANESE-CHROME A RESISTANCE ELEVEE, RESISTANT A LA CORROSION

Publication

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Application

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Abstract (en)

[origin: WO9848070A1] The invention relates to an austenitic iron-manganese-chrome-alloy melted at atmospheric pressure, comprising the following constituents (indicated in wt. %): Cr (12.0-24.7 %), Ni (up to 0.10 %), Mn (23.5-25.0 %), Si (up to 0.20 %), Mo (2.0-5.7 %), Ti (up to 0.10 %), C (up to 0.015 %), N (1.05-1.30 %), Zr (0.01-0.15 %), Cu (0.8-2.0 %), B (0.002-0.005 %), the rest of the iron is made up of unavoidable impurities.

IPC 1-7

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