Title (en)

400 MPA-GRADE CORROSION-RESISTANT STEEL BAR AND PRODUCTION METHOD THEREFOR

Title (de)

400 KORROSIONSBESTÄNDIGER STAB AUS STAHL IN MPA-QUALITÄT UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

BARRE D'ACIER RÉSISTANTE À LA CORROSION DE QUALITÉ 400 MPA ET SON PROCÉDÉ DE PRODUCTION

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Application

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Abstract (en)

The present invention discloses a 400 MPa corrosion-resistant steel bar and a production method thereof. The steel bar includes the following chemical ingredients: 9.5-10.4% of Cr, 1.0-1.2% of Mo, 0.3-0.6% of Mn, 0.01-1% of Ni, 0.01-0.5% of Cu, at most 0.014% of C, at most 0.004% of N, 0.01-0.05% of Nb, 0.2-0.6% of Si, and the balance of Fe, where Cr+Mo+0.5Mn+0.35Ni+0.25Cu is 11.1-12.2%, and C+N+0.3Si+Mn+1.8Nb is 0.4-0.8%.

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