

Title (en)
SEAMLESS PIPE OF MARTENSITIC STAINLESS STEEL FOR OIL WELL PIPE, AND METHOD FOR PRODUCING SEAMLESS PIPE

Title (de)
NAHTLOSES ROHR AUS ROSTFREIEM MARTENSITISCHEM STAHL FÜR EIN ÖLBOHRROHR UND VERFAHREN ZUR HERSTELLUNG EINES NAHTLOSEN ROHRS

Title (fr)
TUYAU SANS SOUDURE EN ACIER INOXYDABLE MARTENSITIQUE POUR TUYAU DE Puits DE PÉTROLE ET PROCÉDÉ DE PRODUCTION DE TUYAU SANS SOUDURE

Publication
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Application
EP 17865353 A 20170913

Priority
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Abstract (en)
Provided herein is a martensitic stainless steel seamless pipe, intended for oil country tubular goods, having high strength, and excellent sulfide stress corrosion cracking resistance. A method for producing such a martensitic stainless steel seamless pipe is also provided. The martensitic stainless steel seamless pipe for oil country tubular goods has a composition that contains, in mass%, C: 0.035% or less, Si: 0.5% or less, Mn: 0.05 to 0.5%, P: 0.03% or less, S: 0.005% or less, Cu: 2. 6% or less, Ni: 5.3 to 7.3%, Cr: 11.8 to 14.5%, Al: 0.1% or less, Mo: 1.8 to 3.0%, V: 0.2% or less, N: 0.1% or less, and the balance Fe and unavoidable impurities, and in which C, Mn, Cr, Cu, Ni, Mo, W, Nb, N, and Ti satisfy the predetermined relations.

IPC 8 full level
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