

Title (en)

OIL WELL PIPE FOR EXPANSION IN WELL AND TWO-PHASE STAINLESS STEEL FOR USE AS OIL WELL PIPE FOR EXPANSION

Title (de)

ERDÖHLBOHRUNGSROHR ZUR EXPANSION IM BOHRLOCH UND ZWEIPHASIGES EDELSTAHL ZUR VERWENDUNG ALS
ERDÖLBOHRUNGSROHR ZUR EXPANSION

Title (fr)

CONDUITE DE Puits DE PÉTROLE POUR DILATATION DANS UN Puits ET ACIER INOXYDABLE À DEUX PHASES DESTINÉ À ÊTRE
UTILISÉ EN TANT QUE CONDUITE DE Puits DE PÉTROLE POUR DILATATION

Publication

EP 1995341 A1 20081126 (EN)

Application

EP 08722143 A 20080314

Priority

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Abstract (en)

An oil country tubular good for expansion according to the invention is expanded in a well. The oil country tubular good for expansion according to the invention is formed of duplex stainless steel having a composition containing, in percentage by mass, 0.005% to 0.03% C, 0.1% to 1.0% Si, 0.2% to 2.0% Mn, at most 0.04% P, at most 0.015% S, 18.0% to 27.0% Cr, 4.0% to 9.0% Ni, at most 0.040% Al, and 0.05% to 0.40% N, and the balance consisting of Fe and impurities, a structure including an austenite ratio in the range from 40% to 90%. The oil country tubular good for expansion according to the invention has a yield strength from 256 MPa to 655 MPa, and a uniform elongation more than 20%. Therefore, the oil country tubular good for expansion according to the invention has a high pipe expansion characteristic.

IPC 8 full level

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