

Title (en)

USE OF A STEEL ALLOY AS A MATERIAL FOR PRODUCING PIPES FOR MOTOR VEHICLES

Title (de)

VERWENDUNG EINER STAHLLEGIERUNG ALS WERKSTOFF ZUR HERSTELLUNG VON ROHRLEITUNGEN FÜR KRAFTFAHRZEUGE

Title (fr)

UTILISATION D'UN ALLIAGE D'ACIER COMME MATIERE PREMIERE POUR LA PRODUCTION DE CONDUITES DE VEHICULES AUTOMOBILES

Publication

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Application

EP 03782109 A 20031126

Priority

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- DE 10255260 A 20021127

Abstract (en)

[origin: WO2004048629A1] The invention relates to the use of a steel alloy that, in percentages by mass, consists of: 0.09-0.12 % carbon (C); 0.15-0.30 % silicon (Si); 1.20-1.80 % manganese (Mn); a maximum of 0.015 % phosphorous (P); a maximum of 0.011 % sulfur (S); 1.00-2.00 % chromium (Cr); 0.20-0.60 % molybdenum (Mo); 0.020-0.060 % aluminum (Al); 0.10-0.25 % vanadium (V) and iron, and; usual impurities as the remainder, as a material for producing air-hardened pipes for motor vehicles. The air-hardening is carried out under a protective gas at a temperature of 950 DEG C +/- 15 DEG C.

IPC 8 full level

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