

Title (en)

STEEL ALLOY FOR A LOW ALLOY STEEL FOR PRODUCING HIGH-TENSILE SEAMLESS STEEL TUBING

Title (de)

STAHLLEGIERUNG FÜR EINEN NIEDRIG LEGIERTEN STAHL ZUR HERSTELLUNG HOCHFESTER NAHTLOSER STAHLROHRE

Title (fr)

ALLIAGE D'ACIER POUR ACIER FAIBLEMENT ALLIÉ DESTINÉ À LA FABRICATION DE TUBES D'ACIER SANS SOUDURE À HAUTE RÉSISTANCE

Publication

**EP 2255021 A2 20101201 (DE)**

Application

**EP 09712055 A 20090123**

Priority

- DE 2009000088 W 20090123
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Abstract (en)

[origin: WO2009103259A2] The invention relates to a steel alloy for a low alloy steel for producing high-tensile, weldable, hot-rolled seamless steel tubing, in particular construction tubing. The chemical composition (in % by mass) is: 0.15 - 0.18 % C; 0.20 - 0.40 % Si; 1.40 - 1.60 % Mn; max. 0.05 % P; max. 0.01 % S; >0.50 - 0.90 % Cr; > 0.50 - 0.80 % Mo; >0.10 - 0.15 % V; 0.60 - 1.00 % W; 0.0130 - 0.0220 % N; the remainder is made up of iron with production-related impurities; with the optional addition of one or more elements selected from Al, Ni, Nb, Ti, with the proviso that the relationship V/N has a value of between 4 and 12 and the Ni content of the steel is not more than 0.40 %.

IPC 8 full level

**C22C 38/22** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009103259A2

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DOCDB simple family (publication)

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DOCDB simple family (application)

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