

Title (en)

Process for manufacturing seamless pressure vessels.

Title (de)

Verfahren zur Herstellung nahtloser Druckbehälter.

Title (fr)

Procédé pour la fabrication de réservoirs sous pression sans soudure.

Publication

EP 0367360 B1 19940803 (DE)

Application

EP 89250061 A 19891023

Priority

DE 3837400 A 19881101

Abstract (en)

[origin: EP0367360A2] The invention relates to a process for manufacturing seamless pressure vessels from an aluminium-killed CrMo steel of specific composition. After hot forming, the pressure vessels are tempered by austenitising at 830 to 880 DEG C, cooling at a rate of 5 to 15 K/s to room temperature and drawing up to 680 DEG C and cooling in air. The steel alloy is distinguished by a nitrogen content of 0.003 to 0.01% and furthermore contains 0.010 to 0.040% of titanium and 0.001 to 0.03% of boron, with a Ti/N ratio of at least 3:4.

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IPC 8 full level

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