

Title (en)

METHODS FOR HEAT TREATING THICK-WALLED FORGINGS

Title (de)

VERFAHREN ZUR WÄRMEBEHANDLUNG VON DICKWANDIGEN SCHMIEDESTÜCKEN

Title (fr)

TRAITEMENT THERMIQUE DE PIECES FORGEES A PAROIS EPAISSES

Publication

**EP 1929054 A1 20080611 (EN)**

Application

**EP 06816080 A 20060929**

Priority

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- US 23903505 A 20050929

Abstract (en)

[origin: US2007068607A1] A method for heat treating thick-walled forgings including heating a low alloy steel to an austenitizing temperature, wherein the low alloy steel comprises carbon of about 0.05-0.2 wt. %, manganese of about 0.3-0.8 wt. %, and nickel of about 0.25-1.0 wt. %. The method further includes quenching the low alloy steel in a quench media, and then tempering the low alloy steel for less than about thirty minutes per inch of critical section thickness plus about two hours.

IPC 8 full level

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