

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 A4 20100331 (EN)

Application

EP 06816080 A 20060929

Priority

- US 2006038545 W 20060929
- 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

C21D 6/00 (2006.01); **C22C 38/00** (2006.01)

CPC (source: EP KR US)

C21D 1/18 (2013.01 - EP KR US); **C21D 1/56** (2013.01 - EP KR US); **C21D 8/00** (2013.01 - EP KR US); **C22C 38/02** (2013.01 - KR); **C22C 38/06** (2013.01 - KR); **C22C 38/22** (2013.01 - KR)

Citation (search report)

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- [XY] DE 3332026 C1 19841122
- [A] JP H1088274 A 19980407 - JAPAN CASTING FORGING CORP
- [A] GB 1490535 A 19771102 - NORRBOTTENS JAERNVERK AB
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007068607 A1 20070329; AU 2006294442 A1 20070405; BR PI0616689 A2 20110628; CA 2623995 A1 20070405; CN 101300365 A 20081105; EA 012791 B1 20091230; EA 200800969 A1 20080829; EP 1929054 A1 20080611; EP 1929054 A4 20100331; KR 20080063371 A 20080703; NO 20081850 L 20080617; WO 2007038789 A1 20070405

DOCDB simple family (application)

US 23903505 A 20050929; AU 2006294442 A 20060929; BR PI0616689 A 20060929; CA 2623995 A 20060929; CN 200680040529 A 20060929; EA 200800969 A 20060929; EP 06816080 A 20060929; KR 20087010163 A 20080428; NO 20081850 A 20080416; US 2006038545 W 20060929