

Title (en)  
METHOD FOR PRODUCTION OF A SEAMLESS HOT-FINISHED STEEL TUBE

Title (de)  
VERFAHREN ZUM HERSTELLEN EINES NAHTLOS WARMGEFERTIGTEN STAHLROHRES

Title (fr)  
PROCEDE POUR PRODUIRE UN TUBE D'ACIER SANS SOUDURE USINE A CHAUD

Publication  
**EP 1814679 B1 20090218 (DE)**

Application  
**EP 05803680 A 20051025**

Priority

- DE 2005001944 W 20051025
- DE 102004052406 A 20041025
- DE 102005052178 A 20051024

Abstract (en)  
[origin: US8166792B2] In a method of making a seamless hot-finished steel pipe a billet heated to a shaping temperature is pierced by a first shaping to a thick-walled hollow ingot which subsequently undergoes a radial forging process using an internal tool inserted in the hollow ingot and at least two forging jaws of a forging machine. The forging jaws act on the outer surface area of the hollow ingot, wherein the hollow ingot is turned and axially advanced in a clocked manner in the idle stroke phase of the forging jaws.

IPC 8 full level  
**B21J 7/14** (2006.01); **B21B 23/00** (2006.01); **B21J 5/00** (2006.01); **B21J 5/10** (2006.01); **B21J 13/10** (2006.01)

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Cited by  
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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

Designated extension state (EPC)  
HR YU

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**US 2009044883 A1 20090219; US 8166792 B2 20120501**; AT E422978 T1 20090315; AU 2005299151 A1 20060504; AU 2005299151 B2 20110825; BR PI0516769 A 20080923; BR PI0516769 A8 20161108; BR PI0516769 B1 20181030; CA 2584461 A1 20060504; CA 2584461 C 20130917; DE 102005052178 A1 20060427; DE 102005052178 B4 20080619; DE 502005006668 D1 20090402; EA 009851 B1 20080428; EA 200700945 A1 20071026; EP 1814679 A1 20070808; EP 1814679 B1 20090218; ES 2321121 T3 20090602; HR P20090227 T1 20090531; JP 2008517766 A 20080529; JP 4633122 B2 20110216; KR 20070084387 A 20070824; MX 2007004965 A 20070614; PL 1814679 T3 20090731; RS 50967 B 20101031; WO 2006045301 A1 20060504

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