

Title (en)

METHOD FOR PRODUCING A LARGE STEEL TUBE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES GROSSEN STAHLROHRES

Title (fr)

PROCÉDÉ DE FABRICATION D'UN TUYAU EN ACIER DE GRANDE DIMENSION

Publication

EP 2285507 B1 20110907 (DE)

Application

EP 09757221 A 20090528

Priority

- EP 2009003816 W 20090528
- DE 102008027807 A 20080606

Abstract (en)

[origin: US9156074B2] A method for producing a steel tube, wherein a steel sheet is formed into tubular body having a round cross section in a bending process, welded in a subsequent welding process along longitudinal edges facing each other for producing a continuous longitudinal seam, and then subjected to a stress-relieving treatment. The production quality is improved, with reduced production time, because the stress-relieving treatment is performed in a process for concentrically truing along the circumference in at least one segment relative to the longitudinal axis thereof, while cold forming by compression (FIG. 1). The mechanical technological properties of the material are also thereby improved.

IPC 8 full level

B21C 37/08 (2006.01); **B21D 3/10** (2006.01); **B21D 5/10** (2006.01)

CPC (source: EP US)

B21C 37/0807 (2013.01 - EP US); **B21C 37/30** (2013.01 - EP US); **B21D 3/10** (2013.01 - EP US); **B21D 5/10** (2013.01 - EP US); **B21D 5/14** (2013.01 - US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2011174046 A1 20110721; **US 9156074 B2 20151013**; AT E523271 T1 20110915; AU 2009254199 A1 20091210; AU 2009254199 A8 20120301; AU 2009254199 B2 20130110; BR PI0915529 A2 20160126; BR PI0915529 B1 20191008; CA 2726132 A1 20091210; CA 2726132 C 20130702; CN 102056687 A 20110511; CN 102056687 B 20130710; DE 102008027807 A1 20091210; DE 102008027807 B4 20110512; DK 2285507 T3 20111205; EP 2285507 A1 20110223; EP 2285507 B1 20110907; JP 2011521790 A 20110728; JP 5361996 B2 20131204; KR 20110022613 A 20110307; PL 2285507 T3 20120131; PT 2285507 E 20111125; RU 2456108 C1 20120720; UA 103024 C2 20130910; WO 2009146838 A1 20091210; WO 2009146838 A8 20100211

DOCDB simple family (application)

US 73707709 A 20090528; AT 09757221 T 20090528; AU 2009254199 A 20090528; BR PI0915529 A 20090528; CA 2726132 A 20090528; CN 200980121052 A 20090528; DE 102008027807 A 20080606; DK 09757221 T 20090528; EP 09757221 A 20090528; EP 2009003816 W 20090528; JP 2011512007 A 20090528; KR 20107028504 A 20090528; PL 09757221 T 20090528; PT 09757221 T 20090528; RU 2010154236 A 20090528; UA A201014581 A 20090528