

Title (en)  
METHOD FOR PRODUCING STEEL PIPE

Title (de)  
VERFAHREN ZUR STAHLHERSTELLUNG

Title (fr)  
PROCÉDÉ DE FABRICATION D'UN TUBE D'ACIER

Publication  
**EP 3000541 A4 20160525 (EN)**

Application  
**EP 14800237 A 20140515**

Priority  
• JP 2013063953 W 20130520  
• JP 2014062925 W 20140515

Abstract (en)  
[origin: EP3000541A1] A method for manufacturing a steel pipe includes a first pipe expanding step of expanding a steel pipe within a range of a pipe expanding ratio having a lower limit at a pipe expanding ratio at which a predetermined roundness is obtained and an upper limit at a maximum value of a pipe expanding ratio at which an equipment load of a pipe expanding machine falls in an allowable range when the steel pipe is expanded, and a second pipe expanding step of expanding the steel pipe after the first pipe expanding step at a pipe expanding ratio at which the pipe diameter of the steel pipe reaches a target value. This improves the roundness of the steel pipe without increasing the equipment load of the pipe expanding machine.

IPC 8 full level  
**B21D 3/14** (2006.01); **B21C 37/08** (2006.01); **B21D 39/20** (2006.01)

CPC (source: EP RU)  
**B21C 37/08** (2013.01 - RU); **B21C 37/30** (2013.01 - EP); **B21D 3/14** (2013.01 - RU); **B21D 39/20** (2013.01 - RU); **B21D 3/14** (2013.01 - EP); **B21D 39/20** (2013.01 - EP)

Citation (search report)  
• [XDAI] JP H091234 A 19970107 - SUMITOMO METAL IND  
• [XII] EP 2177281 A1 20100421 - SUMITOMO METAL IND [JP]  
• [XA] US 6318145 B1 20011120 - BABA YOSHIHIRO [JP]  
• See also references of WO 2014188944A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3000541 A1 20160330; EP 3000541 A4 20160525; EP 3000541 B1 20210303**; CN 105228765 A 20160106; CN 105228765 B 20180109; JP 6037004 B2 20161130; JP WO2014188944 A1 20170223; RU 2015154555 A 20170622; RU 2653035 C2 20180504; WO 2014188490 A1 20141127; WO 2014188944 A1 20141127

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**EP 14800237 A 20140515**; CN 201480028860 A 20140515; JP 2013063953 W 20130520; JP 2014062925 W 20140515; JP 2015518209 A 20140515; RU 2015154555 A 20140515