

Title (en)  
METHOD FOR PRODUCING WELDED STEEL PIPE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES LASERGESCHWEISSTEN STAHLROHRS

Title (fr)  
PROCÉDÉ DE FABRICATION DE TUYAU EN ACIER SOUDÉ

Publication  
**EP 3006128 A4 20160629 (EN)**

Application  
**EP 13885748 A 20130529**

Priority  
JP 2013064852 W 20130529

Abstract (en)  
[origin: EP3006128A1] In a method of manufacturing a welded steel pipe using a press bending method of performing three-point bending press forming on a raw material steel plate by a pair of dies disposed in a steel plate feeding direction at a predetermined gap, and a punch configured to press the steel plate between the pair of dies to form an open pipe and then welding the open pipe to manufacture a steel pipe, when the open pipe is formed such that after performing first half press forming from one width end portion of the steel plate toward a width center (provided, leaving the width center unpressed), second half press forming is performed from a width end portion of an opposite side toward the width center (provided, leaving the width center unpressed), and the width center is finally subjected to final press forming to form an open pipe, the steel pipe supported on the dies of the steel plate width center side is assumed to be a non-formed portion in a final pass of the second half press forming, thereby manufacturing the open pipe in which the amount of offset of a welded part is small.

IPC 8 full level  
**B21D 5/01** (2006.01); **B21C 37/08** (2006.01)

CPC (source: EP RU)  
**B21C 37/0815** (2013.01 - EP); **B21D 5/015** (2013.01 - EP); **B21C 37/08** (2013.01 - RU); **B21D 5/01** (2013.01 - RU)

Citation (search report)  
• [X1] WO 8200607 A1 19820304 - SL TUOTANTO OY [FI], et al  
• [X1] BE 525415 A  
• [I] WO 2012092909 A1 20120712 - UNIV DORTMUND TECH [DE], et al  
• [A] WO 2009023973 A1 20090226 - SOUITEC SOUDRONIC AG [CH], et al  
• See references of WO 2014192091A1

Cited by  
US11148218B2; WO2022117287A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3006128 A1 20160413; EP 3006128 A4 20160629; EP 3006128 B1 20181024**; CN 105246608 A 20160113; CN 105246608 B 20180102; JP 6070967 B2 20170201; JP WO2014192091 A1 20170223; RU 2621747 C1 20170607; WO 2014192091 A1 20141204

DOCDB simple family (application)  
**EP 13885748 A 20130529**; CN 201380076724 A 20130529; JP 2013064852 W 20130529; JP 2015519536 A 20130529; RU 2015155550 A 20130529