Title (en)
METHOD FOR PRESS-MOLDING STEEL PIPE AND METHOD FOR PRODUCING STEEL PIPE

Title (de)
VERFAHREN ZUM PRESSFORMEN EINES STAHLROHRS UND VERFAHREN ZUR HERSTELLUNG EINES STAHLROHRS

Title (fr)
PROCÉDÉ DE MOULAGE PAR PRESSAGE D'UN TUYAU D'ACIER ET PROCÉDÉ DE FABRICATION DE CE DERNIER

Publication
EP 3006129 A4 20160622 (EN)

Application
EP 13885877 A 20130530

Priority
JP 2013003435 W 20130530

Abstract (en)
[origin: EP3006129A1] Provided are a method of press-forming a steel pipe with a small variation in a seam gap at butt welded portion and a method of manufacturing a steel pipe. In a method of press-forming a steel pipe by forming a steel plate by applying press bending to the steel plate a plurality of times, in accordance with a relationship obtained in advance between an additional pressing-down amount which is required further after a state that a predetermined seam gap is formed during applying press bending of a final time to an open seam pipe which is a material to be formed and the predetermined seam gap, forming with the additional pressing-down amount based on the relationship is applied to the open seam pipe from the state that the predetermined seam gap is formed during applying press bending of the final time to the open seam pipe which is the material to be formed.

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 5/01 (2013.01 - RU); B21D 5/015 (2013.01 - EP); B21D 51/00 (2013.01 - RU)

Citation (search report)
- [A] EP 2529849 A2 20121205 - SMS MEER GMBH [DE]
- [A] DE 102011053676 A1 20130321 - EISENBAU KRAEMER GMBH [DE]
- [A] WO 2012092909 A1 20120712 - UNIV DORTMUND TECH [DE], et al
- See also references of WO 2014192043A1

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 3006129 A1 20160413; EP 3006129 A4 20160622; EP 3006129 B1 20190710; CN 105246609 A 20160113; CN 105246609 B 20170315; JP 5967302 B2 20160810; JP WO2014192043 A1 20170223; RU 2015155551 A 20170706; RU 2648813 C2 20180328; WO 2014192043 A1 20141204

DOCDB simple family (application)
EP 13885877 A 20130530; CN 201380077095 A 20130530; JP 2013003435 W 20130530; JP 2015519499 A 20130530; RU 2015155551 A 20130530