Title (en)

BENDING PRESS DEVICE, BENDING PRESS METHOD, DEVICE FOR PRODUCING STEEL PIPE, AND METHOD FOR PRODUCING STEEL PIPE

Title (de)

BIEGEPRESSVORRICHTUNG, BIEGEPRESSVERFAHREN, VORRICHTUNG ZUR HERSTELLUNG EINES STAHLROHRS UND VERFAHREN ZUR HERSTELLUNG EINES STAHLROHRS

Title (fr)

DISPOSITIF DE PRESSE À CINTRER, PROCÉDÉ DE PRESSE À CINTRER, DISPOSITIF DE PRODUCTION DE TUBE D'ACIER, ET PROCÉDÉ DE PRODUCTION DE TUBE D'ACIER

Publication

EP 3000542 B1 20210224 (EN)

Application

EP 13885094 A 20130520

Priority

JP 2013003204 W 20130520

Abstract (en)

[origin: EP3000542A1] Provided is a bending press device and a steel pipe manufacturing device where an amount of seam gap of an open seam pipe can be appropriately controlled. In a bending press device provided with an open seam edge measurement device where a punch pressing-down amount is set after measuring an amount of seam gap of an open seam pipe, the open seam edge measurement device includes a light projector and a light receiver mounted on the punch, a detection circuit and a control part. The open seam edge measurement device measures an amount of gap between a punch support portion and an open seam edge of an open seam pipe which is a material to be formed, and the punch pressing-down amount is controlled based on the measured amount of gap.

IPC 8 full level

B21D 5/01 (2006.01); **B21C 51/00** (2006.01); **B21D 5/00** (2006.01)

CPC (source: EP RU)

B21C 51/00 (2013.01 - EP); **B21D 5/004** (2013.01 - EP); **B21D 5/006** (2013.01 - EP); **B21D 5/015** (2013.01 - EP); B21C 51/00 (2013.01 - RU); B21D 5/01 (2013.01 - RU)

Cited by

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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

DOCDB simple family (publication)

EP 3000542 A1 20160330; **EP 3000542 A4 20160518**; **EP 3000542 B1 20210224**; CN 105228766 A 20160106; CN 105228766 B 20171128; JP 6137307 B2 20170531; JP WO2014188468 A1 20170223; RU 2015150037 A 20170523; RU 2640486 C2 20180109; WO 2014188468 A1 20141127

DOCDB simple family (application)

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