

Title (en)
DEVICE AND METHOD FOR BENDING PIPES FOR PIPELINES

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BIEGEN VON ROHRLEITUNGEN FÜR PIPELINES

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CINTRAGE DE CONDUITES POUR PIPELINES

Publication
EP 2864068 A1 20150429 (DE)

Application
EP 13729265 A 20130614

Priority
• DE 102012012139 A 20120620
• EP 2013001762 W 20130614

Abstract (en)
[origin: CA2883031A1] The invention relates to a device for bending pipes (100), in particular coated pipes, preferably insulated pipes and/or pipes which are coated with PU foam/PU hard foam, for pipes having a base body (11) which can be positioned in the pipe and on which a running gear (12) is provided for displacement inside the pipe, and at least three contact elements (13, 14, 15) for establishing a contact to an inner wall (102) of the pipe for introducing a bending force, wherein at least two contact elements are provided on one side (16) of the base body on the ends of the base body, and at least one contact element is arranged on the opposite side (17) of the base body, and wherein at least one of the contact elements opposite of the base body is provided movably via a force introduction element (23) in the direction (A) of the inner wall of the pipe. The invention further relates to a method for bending such pipes.

IPC 8 full level
B21D 9/00 (2006.01)

CPC (source: EP RU US)
B21D 9/00 (2013.01 - EP US); **B21D 9/01** (2013.01 - US); **B21D 9/03** (2013.01 - RU); **B21D 39/20** (2013.01 - US)

Citation (search report)
See references of WO 2013189582A1

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)
DE 102012012139 A1 20131224; DE 102012012139 B4 20141224; CA 2883031 A1 20131227; CA 2883031 C 20190108;
EP 2864068 A1 20150429; EP 2864068 B1 20201104; RU 2015101329 A 20160810; RU 2617464 C2 20170425; US 10441987 B2 20191015;
US 2015266075 A1 20150924; WO 2013189582 A1 20131227

DOCDB simple family (application)
DE 102012012139 A 20120620; CA 2883031 A 20130614; EP 13729265 A 20130614; EP 2013001762 W 20130614;
RU 2015101329 A 20130614; US 20131440888 A 20130614