

Title (en)

Support split assembly for gliding side supports of rod and tube-shape workpieces on bending machines

Title (de)

Stützbackenanordnung zum gleitenden seitlichen Abstützen von stab- und rohrförmigen Werkstücken an Biegemaschinen

Title (fr)

Agencement de joues de support destiné au support latéral de coulissement de pièces usinées en forme de tiges ou de tubes sur des cintreuses

Publication

EP 2177287 B1 20111130 (DE)

Application

EP 08018255 A 20081017

Priority

EP 08018255 A 20081017

Abstract (en)

[origin: EP2177287A2] The arrangement has a support jaw (11) that is provided on a side of longitudinal axis of a workpiece (2) to be processed. The support jaw defines a groove facing the workpiece. The former support jaw arranged in a position of extension provides lateral support to the workpiece being bent in specific direction while another support jaw (12) remains in a position of retraction. The latter support jaw arranged in the position of extension provides lateral support to the workpiece being bent in another specific direction while the former support jaw remains in the position of retraction. Independent claims are also included for the following: (1) a bending machine for left and right bending of rod shaped and tubular workpieces (2) a method for bending a tubular workpiece.

IPC 8 full level

B21D 7/02 (2006.01); **B21D 7/022** (2006.01); **B21D 7/024** (2006.01); **B21D 7/04** (2006.01); **B21D 11/12** (2006.01)

CPC (source: EP US)

B21D 7/02 (2013.01 - EP US); **B21D 7/022** (2013.01 - EP US)

Cited by

DE102017117979A1; WO2019029893A1; CN103706724A; CN102151730A; DE102012102057A1; CN111872689A; CN112091022A; US11484928B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2177287 A2 20100421; **EP 2177287 A3 20110511**; **EP 2177287 B1 20111130**; AT E535323 T1 20111215; CN 101722220 A 20100609; CN 101722220 B 20121024; JP 2010094736 A 20100430; JP 5114464 B2 20130109; US 2010095732 A1 20100422; US 8359896 B2 20130129

DOCDB simple family (application)

EP 08018255 A 20081017; AT 08018255 T 20081017; CN 200910179791 A 20091019; JP 2009226826 A 20090930; US 57999009 A 20091015