

Title (en)
BENDING HEAD FOR BENDING ROD- AND PIPE-SHAPED WORKPIECES

Title (de)
BIEGEKOPF ZUM BIEGEN STAB- UND ROHRFÖRMIGER WERKSTÜCKE

Title (fr)
TÊTE DE PLIAGE POUR PLIER DES PIÈCES EN FORME DE BARRE ET DE TUBE

Publication
EP 2691195 B1 20160330 (DE)

Application
EP 12700601 A 20120113

Priority
• DE 102011015570 A 20110330
• EP 2012000144 W 20120113

Abstract (en)
[origin: WO2012130350A1] The invention relates to a bending head (5) for bending rod- and pipe-shaped workpieces (2), comprising a retainer (17) that can be rotated about a rotational axis (12) and that carries a bending mandrel (11) at an axial end, and comprising at least two further tools (18, 20; 21, 24), which each comprise a respective retaining body (18, 21) and a bending pin (20, 24) at the axial end of the retaining body facing the bending mandrel (11) and which each can be rotated independently of the other tools, wherein the retaining bodies (18, 21) of the tools are arranged concentrically to the retainer (17) of the bending mandrel (11) such as to be pivotable about the rotational axis (12) of the retainer.

IPC 8 full level
B21F 1/00 (2006.01); **B21D 7/024** (2006.01)

CPC (source: EP US)
B21D 7/024 (2013.01 - EP US); **B21F 1/00** (2013.01 - EP US)

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)
DE 102011015570 A1 20121004; DE 102011015570 B4 20150122; CN 103429365 A 20131204; CN 103429365 B 20151125;
EP 2691195 A1 20140205; EP 2691195 B1 20160330; US 2014000335 A1 20140102; US 9468963 B2 20161018; WO 2012130350 A1 20121004

DOCDB simple family (application)
DE 102011015570 A 20110330; CN 201280012343 A 20120113; EP 12700601 A 20120113; EP 2012000144 W 20120113;
US 201214003228 A 20120113