

Title (en)

Bending machine for tubular elements.

Title (de)

Rohrbiegevorrichtung

Title (fr)

Machine à cintrer des éléments tubulaires

Publication

EP 1533052 A1 20050525 (EN)

Application

EP 04102788 A 20040617

Priority

IT VI20030233 A 20031119

Abstract (en)

A bending machine (1) for tubular elements (T) comprising a base (2) that supports a bending head (5) in which there is a support structure (6) associated with: a bending female die (7), a bending male die (8) opposing the bending female die (7), guide means (10) of the tubular element (T) to be bent and power means (11) to set the bending female die (7) rotating. The guide means (10) belong to a support plate (12) resting on an underlying support counterplate (13) coupled to the support structure (6) through sliding means (14) and associated with shifting means (15) suited to shift it along the shifting direction (Y) defined by the sliding means (14) in order to position the guide means (10) on the right side (D) or on the left side (S) of the female die (7) and of the longitudinal axis (X) of the tubular element (T). <IMAGE>

IPC 1-7

B21D 7/02; B21D 7/024

IPC 8 full level

B21D 7/02 (2006.01); **B21D 7/024** (2006.01)

CPC (source: EP)

B21D 7/021 (2013.01); **B21D 7/024** (2013.01)

Citation (search report)

- [PX] FR 2841162 A1 20031226 - SILFAX [FR]
- [A] US 6134932 A 20001024 - MARQUE LAURENT [FR], et al
- [A] EP 0990471 A1 20000405 - MACCHINE CURVATUBI CRIPPA AGOS [IT]
- [A] US 5495740 A 19960305 - SCHWARZE RIGOBERT [DE]

Cited by

DE102013200851B4; EP2308611A1; EP1914021A1; CN104690116A; FR2915410A1; CN115156349A; EP2756892A1; DE102013200851A1; US7919427B2; WO2012126490A1; WO2008142305A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1533052 A1 20050525; IT VI20030233 A 20050520

DOCDB simple family (application)

EP 04102788 A 20040617; IT VI20030233 A 20031119