

Title (en)

Bending machine with bending tools at opposite sides of a tool carrier

Title (de)

Biegemaschine mit Biegewerkzeugen an einander gegenüberliegenden Seiten eines Werkzeugträgers

Title (fr)

Machine de cintrage avec outils de cintrage disposés aux côtés opposés d'un support porte-outils

Publication

EP 1396295 B1 20060621 (DE)

Application

EP 03005462 A 20030315

Priority

- EP 03005462 A 20030315
- EP 02020012 A 20020905

Abstract (en)

[origin: EP1396295A1] The bending machine (1), for bending rod-shaped work pieces and especially pipes, has a bending unit (5) with bending tools (10,11) on both sides of a tool carrier (12). Each bending tool has a bending die (13,16) and at least one pressure piece, flanking the tool carrier and coupled to apply pressure across the line of the workpiece against each other. The pressure pieces can be sliding rails (15,18) on both sides of the tool carrier, to slide along the longitudinal line of the workpiece. The components are powered by a common motor.

IPC 8 full level

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

CPC (source: EP)

B21D 7/024 (2013.01)

Cited by

EP3068556A4; DE102016101908A1; DE102016101908B4; CN115008727A; CN108405686A; US10232424B2; US9849494B2; US10406580B2; US10792718B2; US11440069B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 1396295 A1 20040310; EP 1396295 B1 20060621

DOCDB simple family (application)

EP 03005462 A 20030315