

Title (en)

Bending machine with at least two bending functions

Title (de)

Biegemaschine mit mindestens zwei Biegefunktionen

Title (fr)

Machine à plier avec au moins deux fonctions de pliage

Publication

**EP 0844033 A3 20000405 (DE)**

Application

**EP 97120404 A 19971121**

Priority

- DE 29620263 U 19961121
- DE 29714487 U 19970813

Abstract (en)

[origin: EP0844033A2] The bending machine (1) has a drive system (6). It has two separate bending heads which have workpiece support rollers (20,21) and at least one bending head is movable in a longitudinal direction. The travelling bending head (2) has circular or segmental formers (4a-4c,5), and pivots about an axis (40) fixed to the fixed bending head (3) which has peg-type formers (11). Flexible leads (14,15) and quick-release couplings (8,13,17), transmit control signals and hydraulic or pneumatic power from the control unit (7) and power unit to the bending heads. The fixed bender has a chuck (30) mounted on a sliding track (35), so that the rotational and linear fed position of a workpiece (31) can be adjusted. The power unit can be located on either bender.

IPC 1-7

**B21D 7/08; B21D 9/10; B21D 9/07**

IPC 8 full level

**B21D 7/00** (2006.01); **B21D 7/06** (2006.01); **B21D 7/08** (2006.01); **B21D 9/00** (2006.01); **B21D 9/07** (2006.01); **B21D 9/08** (2006.01); **B21D 9/10** (2006.01)

CPC (source: EP)

**B21D 7/00** (2013.01); **B21D 7/06** (2013.01); **B21D 7/08** (2013.01); **B21D 9/00** (2013.01); **B21D 9/08** (2013.01); **B21D 9/10** (2013.01)

Citation (search report)

[DA] DE 29519048 U1 19960125 - RASI MASCHINENBAU U HANDELS GM [DE]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0844033 A2 19980527; EP 0844033 A3 20000405; EP 0844033 B1 20030416; DE 59709846 D1 20030522**

DOCDB simple family (application)

**EP 97120404 A 19971121; DE 59709846 T 19971121**