

Title (en)

DEVICE FOR STEP-BY-STEP BENDING OF METAL STRIPS OR SHEETS

Title (de)

VORRICHTUNG ZUM SCHRITTWEISEN BIEGEN VON METALL-BÄNDERN UND/ODER BLECHEN

Title (fr)

DISPOSITIF POUR LE PLIAGE, PAR PHASES SUCCESSIVES, DE BANDES ET/OU DE TOLES METALLIQUES

Publication

**EP 1049547 A1 20001108 (DE)**

Application

**EP 99906155 A 19990119**

Priority

- DE 19802589 A 19980123
- EP 9900287 W 19990119

Abstract (en)

[origin: DE19802589A1] The bending device bends sheets or strips into trapezoid or other shapes. It has a pressure cylinder (4) with a piston (5) movable perpendicular to a horizontal machine bed (1), with a pressure rest (9) fitted to its piston rod (6), an axially movable punch (11) and pairs of clamping elements (2, 14; 3, 15) consisting of a lower anvil (2, 3) and upper pressure cylinder (14, 15) with extendible piston rod (18) carrying a clamping batten (19).

IPC 1-7

**B21D 13/02**

IPC 8 full level

**B21D 5/01** (2006.01); **B21D 11/18** (2006.01); **B21D 13/02** (2006.01)

CPC (source: EP)

**B21D 5/01** (2013.01); **B21D 11/18** (2013.01); **B21D 13/02** (2013.01)

Citation (search report)

See references of WO 9937417A1

Cited by

CN113924175A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 19802589 A1 19990729**; EP 1049547 A1 20001108; WO 9937417 A1 19990729

DOCDB simple family (application)

**DE 19802589 A 19980123**; EP 9900287 W 19990119; EP 99906155 A 19990119