

Title (en)
Bending press for metal sheets

Title (de)
Biegepresse für Bleche

Title (fr)
Machine plieuse pour tôles métalliques

Publication
EP 1121996 B1 20051228 (FR)

Application
EP 01400245 A 20010131

Priority
ES 200000188 A 20000131

Abstract (en)
[origin: EP1121996A2] Columns (2) support horizontal beam (1) that extends over whole length of folding machine. Stem (17.2) of series of actuators (17) is connected to beam using first elbow joint (17.3). Body of actuators (17.1) is attached to pressure trolley (16) using second elbow joint (17.4). When actuators are retracted, jaws (4, 5) are in contact with each other. When actuators are opening out, and because stem is attached to horizontal beam, center of articulation axis (17.3) has to stay at same height, and body of actuators can only travel in ascending direction, so as to tilt pressure trolley in same direction until trolley reaches its upper position, where jaws are separated from each other.

IPC 1-7
B21D 5/04

IPC 8 full level
B21D 5/04 (2006.01)

CPC (source: EP ES)
B21D 5/04 (2013.01 - EP ES)

Cited by
EP2127771A1; CN103372586A; EP3589430A4; EP2463038A1; ITPD20100372A1; CN112207168A; CN109291734A; CN117299993A; WO2006043292A1; WO2006001047A1; WO2012077047A1; WO2004108318A1; WO2015188208A1; US10464115B2; EP1331047B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1121996 A2 20010808; EP 1121996 A3 20030702; EP 1121996 B1 20051228; AT E314164 T1 20060115; DE 60116154 D1 20060202; DE 60116154 T2 20060928; DK 1121996 T3 20060508; ES 2190298 A1 20030716; ES 2190298 B1 20041016; PT 1121996 E 20060531

DOCDB simple family (application)
EP 01400245 A 20010131; AT 01400245 T 20010131; DE 60116154 T 20010131; DK 01400245 T 20010131; ES 200000188 A 20000131; PT 01400245 T 20010131