

Title (en)
DEVICE FOR HOLDING TUBE ENDS IN A HYDRAULIC PRESS FOR UPSETTING TUBE ENDS

Publication
EP 0083577 B1 19850424 (DE)

Application
EP 83730001 A 19830104

Priority
DE 3200361 A 19820106

Abstract (en)
[origin: EP0083577A1] 1. Holding device for the pipe end pieces in a hydraulic pipe end press, which has a C-shaped frame (1) in which the pipe end is held between the upper and the lower matrix half (4, 5) whereby the lower matrix half (5) is held in the pressing table and the upper matrix half (4) is held in the cross piece and the cross piece is movable toward the pressing table with the aid of at least one piston/cylinder unit (6, 7) applying the holding force, characterized by an elbow lever (9, 13, 10, 14) transferring the holding force in its extended position, the one end (9, 10) of which is articulated on the piston (11, 12) of the piston/cylinder unit (6, 7) and the other end of which (13, 14) is articulatedly connected with the cross piece (3) and the elbow joint (15, 16) of which is connected with a further power drive (17) to bend and extend the elbow lever (9, 13, 10, 14).

IPC 1-7
B21J 9/06

IPC 8 full level
B21D 26/02 (2011.01); **B21D 26/039** (2011.01); **B21J 9/06** (2006.01)

CPC (source: EP)
B21D 26/039 (2013.01); **B21J 9/06** (2013.01)

Citation (examination)
• DE 2731055 A1 19780126 - MANNESMANN AG
• US 2871734 A 19590203 - FUCHS JR FRANCIS J, et al

Cited by
CN102989818A; EP1097756A1; FR2800651A1

Designated contracting state (EPC)
AT FR GB IT

DOCDB simple family (publication)
EP 0083577 A1 19830713; EP 0083577 B1 19850424; AT E12899 T1 19850515; DE 3200361 A1 19830714; DE 3200361 C2 19840830; JP S58119426 A 19830715

DOCDB simple family (application)
EP 83730001 A 19830104; AT 83730001 T 19830104; DE 3200361 A 19820106; JP 23484682 A 19821230