

Title (en)
PORTABLE BENDING APPARATUS

Publication
EP 0183531 A3 19870729 (EN)

Application
EP 85308602 A 19851127

Priority
GB 8429982 A 19841128

Abstract (en)
[origin: EP0183531A2] A portable bending apparatus (1) for bending elongate, deformable material (2), comprises first and second clamps (3), (4) adapted, in use, to be located in a selected, spaced-apart relationship along a length of material (2) to be bent, each clamp (3), (4) providing a fixed jaw (8) adapted, in use, to engage one side of the material (2) to be bent in the plane in which bending is required, and pivotably carrying a lever (13) having lever portions (15), (18) extending to opposite sides of a laterally spaced, lever pivot axis (14), with a first lever portion (15) provided with a jaw (16) adapted to engage the opposite side of the material (2) to be bent in the plane in which bending is required, and with a second lever portion (18) providing a pivotal attachment point (21) for power means extending between the levers and hence between the clamps for imposing bending moments on the material to be bent via the clamps, the power means comprising a double-acting, hydraulic piston and cylinder unit (5).

IPC 1-7
B21D 7/06; E01B 31/08

IPC 8 full level
B21D 7/06 (2006.01)

CPC (source: EP)
B21D 7/063 (2013.01)

Citation (search report)
• [X] DE 2140837 A1 19720525
• [Y] US 3988918 A 19761102 - CREES SILAS RAY
• [A] DE 1784540 U 19590305 - HASENKNOPF ALOIS [DE]
• [A] DE 10712 C

Cited by
CN102962303A; CN111511529A

Designated contracting state (EPC)
AT DE FR GB

DOCDB simple family (publication)
EP 0183531 A2 19860604; EP 0183531 A3 19870729; GB 8429982 D0 19850109; ZA 859135 B 19860827

DOCDB simple family (application)
EP 85308602 A 19851127; GB 8429982 A 19841128; ZA 859135 A 19851128