

Title (en)

Pipe bending apparatus with hydraulic transmission

Title (de)

Hydraulisch angetriebene Rohrbiegevorrichtung

Title (fr)

Dispositif de pliage de tubes à commande hydraulique

Publication

EP 0775538 B1 19980812 (EN)

Application

EP 96117812 A 19961107

Priority

IT MI950811 U 19951123

Abstract (en)

[origin: EP0775538A1] A pipe bending apparatus with hydraulic transmission, operable with one hand, of the type comprising a cylinder (5,8,50,6) in which there is movable in both directions a die-carrying rod (1), comprises, fixed in correspondence with that (3) of its ends located within the cylinder, a seal element (4) defining together with portions of the walls of said cylinder a first and a second chamber (43,52) of volume variable in relation to the movements of said rod, said chambers being connected via conduits (21,36,56,53A,53B) and at least one intermediate chamber (23) to a reservoir (11) for a fluid. The intermediate chamber (22,23,24) comprises a hydraulic pump operable by one hand, and unidirectional valve means (22,24). The reservoir (11) comprises an at least partly deformable sealing wall (12). <IMAGE>

IPC 1-7

B21D 7/06

IPC 8 full level

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CPC (source: EP)

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