

Title (en)

Pipe bending apparatus and method.

Title (de)

Rohrbiegevorrichtung und Verfahren.

Title (fr)

Appareil et procédé de cintrage de tubes.

Publication

EP 0583870 A1 19940223 (EN)

Application

EP 93304738 A 19930617

Priority

GB 9212878 A 19920617

Abstract (en)

In a pipe bending machine (10), a pipe is clamped by a pipe clamping head (16) which is rotatable about the axis of the pipe. A bending head (14) produces a series of bends in the pipe, without itself rotating about the pipe axis. The clamping head (16) includes a gear wheel (19), slotted (21) to receive the pipe, which carries a pair of jaws (24, 25) of which one (25) is pivotally mounted, so as to flop open to receive the pipe when a supporting movable body part (18) is separated from a fixed body part (17). The fixed and movable parts (17, 18) together define a circular track on which the jaw assembly (24, 25) rotates on roller bearings when driven by the gear wheel (19) and a cooperating worm (20) mounted in the fixed part (17). The apparatus does not have rotating bending heads and hence is less subject to wear and damage than a conventional machine.

IPC 1-7

B21D 7/12

IPC 8 full level

B21D 7/12 (2006.01)

CPC (source: EP)

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Citation (search report)

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