

Title (en)

Bending apparatus for thin-walled metal pipes

Title (de)

Biegevorrichtung für dünnwandige Metallrohre

Title (fr)

Dispositif de pliage pour tuyaux métalliques à paroi mince

Publication

EP 1149640 B1 20040623 (DE)

Application

EP 01108674 A 20010406

Priority

DE 10020727 A 20000427

Abstract (en)

[origin: DE10020727C1] The pipe bending device has a straight pipe guide (1) leading to a relatively pivoted bending block (2) provided with a clamp rail (3) and a flexible thorn (4) with a thorn shaft (5) inserted in the end of the pipe. The flexible thorn is provided by a coil spring (4a) and a spherical clamp head (4b), with an internal tensioning cable (6) used for axially tensioning the clamp head, the coil spring and the thorn shaft.

IPC 1-7

B21D 9/01; **B21D 9/07**

IPC 8 full level

B21D 9/01 (2006.01); **B21D 9/07** (2006.01)

CPC (source: EP)

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