

Title (en)

Apparatus for bending hollow profiles

Title (de)

Vorrichtung zum Biegen von Hohlprofilstäben

Title (fr)

Appareil pour plier des profilés creux

Publication

EP 1281451 A3 20040506 (DE)

Application

EP 02016584 A 20020725

Priority

DE 10138345 A 20010803

Abstract (en)

[origin: EP1281451A2] The device has a bending tool (5) with bending cheek (12), pressure pad (13), and bending abutment (14). The abutment is a hinge, connecting the pressure pad and a first clamp part (15) of a clamp unit. These are wedge-shaped, with edge tips facing the hinge. The surfaces of pressure pad and clamp part facing the inner wall (23) of the hollow bar (20) are flat. The hinge is mainly cylindrical, and the abutment is replaceable. A bending roller (17) opposite to the pressure pad is moved towards/away from it by a first drive, and at right angles to it by a second drive.

IPC 1-7

B21D 7/022; **B21D 53/74**

IPC 8 full level

B21D 7/02 (2006.01); **B21D 7/08** (2006.01); **B21D 53/74** (2006.01)

CPC (source: EP)

B21D 7/02 (2013.01); **B21D 7/08** (2013.01); **B21D 53/74** (2013.01)

Citation (search report)

- [A] US 6023956 A 20000215 - BAYER FRANZ [DE]
- [A] DE 19956046 A1 20010531 - BAYER ISOLIERGLAS & MASCHTECH [DE]
- [A] EP 0318748 A2 19890607 - BAYER ISOLIERGLASFAB KG [DE]
- [A] FR 1377205 A 19641031

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CN109175026A; CN107626775A; CN108555087A; DE102009017705A1; US8615883B2

Designated contracting state (EPC)

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