

Title (en)

Device for bending hollow non-closed profile sections

Title (de)

Vorrichtung zum Biegen von Hohlprofilen mit nicht allseitig geschlossenen Profilquerschnitten

Title (fr)

Dispositif pour cintrer des profilés creux à section de profil non-fermé de tous côtés

Publication

EP 0695591 B1 19991222 (DE)

Application

EP 95110337 A 19950703

Priority

DE 4423487 A 19940705

Abstract (en)

[origin: EP0695591A1] The machine comprises a bending die (2), at least one clamp (3) and slider (4). There is at least one transfer member in continuous contact of the hollow profile (6) inner side walls, or their grooves over their entire surface, which it also supports. The transfer member consists of pressure-resistant, elastic material. Pref. two opposite transfer members are used. They are in contact with the envelope faces of calibrating rollers (37), located between the transfer member. The transfer members may be made of spring steel. The calibrating rollers may be threaded on a flexible wire rope of large tensile strength.

IPC 1-7

B21D 7/024; **B21D 7/03**; **B21D 9/03**

IPC 8 full level

B21D 7/024 (2006.01); **B21D 7/03** (2006.01); **B21D 9/03** (2006.01); **B21D 9/07** (2006.01)

CPC (source: EP)

B21D 9/03 (2013.01); **B21D 9/073** (2013.01)

Cited by

CN105081022A; CN111545674A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0695591 A1 19960207; **EP 0695591 B1 19991222**; AT E187907 T1 20000115; DE 4423487 A1 19960118; DE 4423487 C2 19980115; DE 59507463 D1 20000127

DOCDB simple family (application)

EP 95110337 A 19950703; AT 95110337 T 19950703; DE 4423487 A 19940705; DE 59507463 T 19950703