

Title (en)
DEVICE FOR FREE THREE-DIMENSIONAL PROFILE FORMING

Title (de)
VORRICHTUNG ZUM 3D-FREIFORMBIEGEN VON PROFILEN

Title (fr)
DISPOSITIF DE FORMAGE LIBRE DE PROFILES EN TROIS DIMENSIONS

Publication
EP 1554066 A2 20050720 (DE)

Application
EP 03788942 A 20031008

Priority

- DE 10246977 A 20021009
- EP 03111118 W 20031008

Abstract (en)
[origin: DE10246977A1] The appliance has a profile advance unit (3), a guide element (1) engaging on the profile, and a bending sleeve (5) in a retainer element (4). The profile (7) is turned in or with the guide element, and in/with the bending sleeve, about a longitudinal axis (L). The bending sleeve is born pivoted via the retainer element about a first hinge point of a rocker arm, which in turn is pivoted about a second hinge point. The retainer element is held in a guide groove, so that the inner surface of the sleeve acting in a bending manner on the outside of the profile, is permanently tangential to an arc of a circle corresponding to the desired bending radius, when the position of the retainer element in the groove changes.

IPC 1-7
B21D 7/04; **B21D 7/028**

IPC 8 full level
B21D 7/02 (2006.01); **B21D 7/028** (2006.01); **B21D 7/04** (2006.01); **B21D 9/07** (2006.01)

IPC 8 main group level
B21D (2006.01)

CPC (source: EP US)
B21D 9/073 (2013.01 - EP US)

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