

Title (en)

Apparatus for bending a hollow profile with a clamp

Title (de)

Vorrichtung zum Biegen eines Hohlprofiles mit einem Niederhalter

Title (fr)

Appareil pour plier un profil creux avec un élément de serrage

Publication

**EP 0894553 B1 20021106 (DE)**

Application

**EP 98113861 A 19980724**

Priority

DE 19733536 A 19970802

Abstract (en)

[origin: EP0894553A2] The apparatus (1) bends a hollow profile section (2) to form an inner (or distance) frame for an insulating glass pane. It incorporates a guiding and holding unit (3), a bending tool (11), a support element (13) and a holding down unit. The holding down unit is made up of two parts (171, 172). The part (171) located in the bending region (4) is rotatable in the bending direction at least through the bending angle. The axis of rotation (18) of this part of the holding down unit is located in the neutral layer of the profile section, or it is radially offset from this layer towards the interior of the bend. The part (172) of the holding down unit is fixed and precedes the other part (171) in the feed direction.

IPC 1-7

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

IPC 8 full level

**B21D 7/022** (2006.01); **B21D 53/74** (2006.01)

CPC (source: EP US)

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Cited by

CN112024673A; AT410909B; US6619098B2

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**EP 0894553 A2 19990203**; **EP 0894553 A3 19990825**; **EP 0894553 B1 20021106**; AT E227178 T1 20021115; DE 19733536 A1 19990218; DE 19733536 C2 20011011; DE 59806154 D1 20021212; US 6023956 A 20000215

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