

Title (en)

Method for cropping to size and optionally bending profiled elements with bending and shaping machines, particularly profiled elements supplied in bar form

Title (de)

Verfahren zum Abschneiden und ggf. Biegen von Profilen, insbesondere Stäben auf einer Biegemaschine und einer Umformmaschine

Title (fr)

Procédé pour couper et éventuellement plier des profilés par une plieuse et une machine de formage, notamment des profilés en forme de barres

Publication

EP 1396296 A1 20040310 (EN)

Application

EP 02019774 A 20020904

Priority

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Abstract (en)

A method for cropping to size and optionally bending profiled elements, particularly for cropping and optionally bending profiled elements supplied in bar form, with bending and shaping machines of the type that comprises at least: an upstream feeder assembly (1), which can be actuated to produce the advancement of the profiled element (2) along its axis; a bending assembly (4), which is arranged downstream of the upstream feeder assembly; cropping means (5), which are interposed between the upstream feeder assembly (1) and the bending assembly (4); and a downstream traction assembly (6) of the roller type, arranged downstream of the bending assembly (4). The method entails, only in the recoverable trailing portion of the profiled element (2), after a step for the advancement of the profiled element along its own axis, which is performed by way of the upstream feeder assembly (1), and after an optional step for bending the leading portion of the profiled element (2) by way of the combined actuation of the upstream feeder assembly (1) and of the bending assembly (4), engaging the profiled element (2) by means of the downstream traction assembly (6) and pulling it, by way of the traction assembly, until a chosen length is reached along the advancement direction. The profiled element (2) is then cropped to size by way of the cropping means (5) and is then subjected to optional bending of its trailing portion by way of the combined actuation of the downstream traction assembly (6) and of the bending assembly (4). <IMAGE>

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CPC (source: EP)

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Citation (search report)

- [AD] EP 0537496 A1 19930421 - PIEGATRICI MACCH ELETTR [IT]
- [A] EP 0501212 A1 19920902 - PIEGATRICI MACCH ELETTR [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

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