

Title (en)

Method of bending elongated material and bending machine for carrying out this method.

Title (de)

Verfahren zum Biegen von strangförmigem Material sowie Biegemaschine zur Durchführung dieses Verfahrens.

Title (fr)

Procédé de pliage de matériau allongé ainsi que machine pour exécuter ce procédé.

Publication

EP 0226167 A2 19870624 (DE)

Application

EP 86117135 A 19861209

Priority

DE 3544056 A 19851213

Abstract (en)

[origin: US4798073A] A bending machine comprises a support to which first and second spaced cooperating bending devices are displaceably mounted. Each of the bending devices comprises first and second spaced cooperating bending components and the components of the first and second bending devices define a first axis extending between the bending devices and further define second and third axes extending generally transverse to the first axis and about which a length to be bent may pivot and each of the second and third axes are disposed between the components of one of the bending devices. A drive mechanism is operably associated with at least one of the components of each of the bending devices for causing displacement thereof. A guide system is operably associated with the support and with each of the bending devices so that displacement of the bending components by the drive system causes the bending components to move relative to the first axis and to engage the length to be bent extending between the devices. The guide system further permits the bending means to move along the guide system relative to each other so that the length is bent intermediate the bending devices.

Abstract (de)

Ein Verfahren zum Biegen von strangförmigem Material, insbesondere von Drähten, Rohren, Kabeln, Profilen oder dergleichen, soll die Herstellung auch großer Biegeradien unter Verwendung von kompakten Biegemaschinen (1, 32) zulassen, wobei ein Umrüsten der Biegemaschine bei der Herstellung von Biegungen mit verschiedenen Biegeradien unnötig werden soll. Dieses Verfahren ist erfindungsgemäß dadurch gekennzeichnet, daß das Material an zwei im Abstand zueinander liegenden Stellen (6, 7, 52, 53, 73, 74) gegensinnig und gleichzeitig um zwei zueinander parallele und sich quer zur Längsachse des Materials erstreckende Achsen ohne wesentliche Einwirkung sonstiger Kräfte verdreht wird.

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B21D 7/022; B21D 11/12

IPC 8 full level

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CPC (source: EP US)

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Cited by

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