

Title (en)

Device for bending tubes, in particular for making serpentine-shaped tubes

Title (de)

Einrichtung zum Herstellen von gebogenen Abschnitten an einem Rohr, insbesondere zur Herstellung einer Rohrschlange

Title (fr)

Dispositif pour cintrer des parties de tubes, en particulier pour la fabrication de serpentins

Publication

EP 0561025 B1 19960529 (DE)

Application

EP 92104760 A 19920319

Priority

- DE 4103134 A 19910204
- US 85536592 A 19920320

Abstract (en)

[origin: EP0561025A1] A device for producing alternate bends (38, 30) in a continuously fed straight tube (18), in particular for the production of a serpentine tube, has a machine table with two bending rollers (12, 13) which have mutually parallel axes (15, 16) of rotation at a fixed distance apart. On their respective circumferences, the bending rollers (12, 13) are provided with grooves which match the cross-section of the tube (18) and accommodate the said tube (18). A bending drive is furthermore provided. One bending roller has an axis of rotation which is fixed relative to the machine table while the other bending roller can be pivoted about the bending roller with the fixed axis of rotation by means of the bending drive, thereby bending a curved portion (38, 40) of the tube (18). In order to achieve a particularly simple structure and render handling especially simple, each of the axes (15, 16) of rotation in turn can be fixed while the other axis (16, 15) of rotation is coupled to the bending drive. The bending drive, can, moreover, be driven alternately in opposite directions. <IMAGE>

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CPC (source: EP US)

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