

Title (en)
METHOD AND APPARATUS FOR THE INCREMENTAL PRODUCTION OF BENT WIRES, TUBES, PROFILES OR SIMILAR FROM ROD-LIKE METALLIC MATERIALS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR INKREMENTELLEN HERSTELLUNG VON GEBOGENEN DRÄHTEN, ROHREN, PROFILEN ODER DGL. AUS STANGENFÖRMIGEN METALLISCHEN MATERIALIEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE FABRICATION INCRÉMENTIELLE DE FILS, DE TUBES, DE PROFILÉS OU SIMILAIRES CINTRÉS, À PARTIR DE MATÉRIAUX MÉTALLIQUES EN FORME DE BARRE

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Abstract (en)
[origin: WO2015144103A1] The invention describes a method for producing bent wires, tubes, profiles or similar from rod-like metallic materials (1), in which the rod-like material (1) is moved into a guiding device (2), the guiding device (2) being mounted so as to be adjustable and movable, preferably in three dimensions, relative to a bending mould (3), and between the guiding device (2) which is moving relative to the bending mould (3) and suitably shaped sections (9) of the bending mould (3) the moving rod-like material (1), after passing through the guiding device (2), is suitably bent or shaped in incremental progression along a bending line (16), such that in its bent configuration (1') the rod-like material (1) is gradually matched at least in some portions to the bending mould (3) and/or is shaped into the required workpiece geometry. The invention also relates to a corresponding apparatus.

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Citation (search report)
See references of WO 2015144103A1

Citation (examination)
• US 5901596 A 19990511 - TETZLOFF ROGER L [US], et al
• US 8567225 B2 20131029 - OKADA NOBUHIRO [JP], et al

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