Title (en)
PRECISION-ROLLING METHOD

Title (de)
PRÄZISIONSWALZVERFAHREN

Title (fr)
PROCEDE DE LAMINAGE DE PRECISION

Publication
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Application
EP 98949818 A 19981021

Priority
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Abstract (en)
[origin: WO9925499A1] The present invention relates to a precision rolling method intended for producing rolled products (1) in the shape or rods or wires while respecting the shape and size allowances. In order to provide good accessibility to the rolling stands (15, 16), the method of the present invention comprises combining the following properties: rolling the product to be rolled (1) in at least one dual rolling stand (15) with an open pass (5) starting from any cross section in order to produce a rolled product (1) with a polygonal and essentially tetragonal cross section; and guiding the rolled product (1) into another rolling stand (16) following a path of a predetermined length along one or more longitudinal edges and/or along the surfaces of said product (1) which are adjacent to the longitudinal edges, and subsequently rolling the same so as to obtain a rolled product (1) with a round cross section in at least one closed pass (6). During the rolling process, the rolling forces are applied in the form of a star from at least three direction so as to deform the rolled product (1).

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