

Title (en)

ADJUSTING METHOD FOR A CROSS-ROLLING MILL, AND MILL USING THIS METHOD

Publication

EP 0161192 B1 19890628 (FR)

Application

EP 85420058 A 19850326

Priority

FR 8405424 A 19840328

Abstract (en)

[origin: ES8704093A1] The invention relates to a process for controlling a rolling mill having oblique rolls which is used for rolling metal rods or tubes, and to the rolling mill for carrying out the process. The rolling mill according to the invention comprises at least three rolls distributed round the rolling axis, each of the rolls having a profile generated by revolution of decreasing cross-section, the roll axes not intersecting the rolling axis, and each of the rolls exerting on the product a pressure which permits helicoidal rolling to be carried out. The process involves controlling the forward feed while keeping the angle of inclination of each of the axes of revolution of the rolls constant relative to a secant straight line, the so-called control axis, which is a straight line perpendicular to the rolling axis and intersecting said rolling axis and which traverses the zone of contact between the roll and the product to be rolled. The process also relates to a particular method of rolling in which combined variation of the feed angle and the gap between the rolls is effected during rolling.

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

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