Title (en)
METHOD FOR MODELLING THE BEHAVIOUR OF A CIRCULAR ROLLING MILL

Title (de)
VERFAHREN ZUR MODELLIERUNG DES VERHALTENS EINES RUNDWALZWERKES

Title (fr)
PROCÉDÉ DE MODÉLISATION DE COMPORTEMENT D'UN LAMINOIR CIRCULAIRE

Publication
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Application
EP 21790945 A 20210920

Priority
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Abstract (en)
[origin: WO2022064127A1] The invention relates to a method for modelling the behaviour of a circular rolling mill (1) intended for rolling a cylindrical component on the basis of a setpoint, the circular rolling mill comprising at least one tapered roller (3) configured to effect a translational movement in a first direction (Y), and a mandrel (2), configured to effect a translational movement in a second direction (X), the setpoint comprising a setpoint for the rate of increase of an outside diameter of said cylindrical component as a function of said external diameter, and a setpoint for the height of the cylindrical component in the first direction as a function of a thickness of the cylindrical component in the second direction.

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