

Title (en)
ROLLING STAND FOR THE PRODUCTION OF ROLLED STRIP

Title (de)
WALZGERÜST ZUR HERSTELLUNG VON WALZBAND

Title (fr)
CAGE DE LAMINOIR POUR PRODUIRE UNE BANDE LAMINEE

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Application
EP 02776955 A 20020902

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Abstract (en)
[origin: WO03022470A1] The invention relates to a rolling stand for the production of rolled strip, provided with rollers which may be displaced axially relative to each other, which have a curved contour extending over the whole effective rolling length thereof and which are exclusively complementary in a particular relative axial position of the rollers in the non-loaded condition. According to the invention, the width curve for the rolling gap over the active effective rolling length may be varied such that a planar and undulation free strip is achieved on an axial displacement of the rollers with a roller cambered contour. The above is achieved whereby the curve of the camber contour of the rollers in a roller pair is formed by a trigonometric function and the roller gap contour, depending on the curve of the camber contour and the position of the rollers within the axial displacement range is formed by a trigonometric function.

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