

Title (en)

Mandrelless multiple stand stretch reducing rolling mill

Title (de)

Mehrgerüstiges dornloses Streckreduzierwalzwerk

Title (fr)

Laminoir étireur-réducteur sans mandrin, à plusieurs cages

Publication

EP 0924001 A3 20020213 (DE)

Application

EP 98250415 A 19981126

Priority

DE 19758107 A 19971217

Abstract (en)

[origin: EP0924001A2] The milling works include a cylinder calibration for a cylinder set consisting respectively of three cylinders with a noncircular caliber form. The last calibers of the milling works are locally enlarged at their extent, at which the expected diameter of the ingoing reed is lower than a nominal size, and are locally reduced at their extent, at which the expected diameter of the ingoing reed is larger than a nominal size. The milling works include a cylinder calibration for a cylinder set consisting respectively of three cylinders, having a noncircular caliber form, considering the form change in the cross-section of the reed and working against a noncircular reed outside diameter. The last calibers of the milling works are locally enlarged at their extent, at which the expected diameter of the ingoing reed is lower than a nominal size, and are locally reduced at their extent, at which the expected diameter of the ingoing reed is larger than a nominal size. A manual or automatic measurement of the reed diameter is preferably performed, whose data are stored in a data base for statistic analysis, and are supplied to a CNC machine for a reduction or increase of the theoretic final caliber.

IPC 1-7

B21B 17/14

IPC 8 full level

B21B 17/14 (2006.01)

CPC (source: EP US)

B21B 17/14 (2013.01 - EP US)

Citation (search report)

- [X] DE 3924261 A1 19910131 - MANNESMANN AG [DE]
- [A] DE 2528883 B1 19761216 - MANNESMANN ROEHREN WERKE AG
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 077 (M - 801) 22 February 1989 (1989-02-22)

Cited by

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