

Title (en)

Device for measuring the contour of a roll in a rolling stand

Title (de)

Konturmesseinrichtung zur Messung der Kontur einer in einem Walzengerüst angeordneten Walze

Title (fr)

Dispositif pour mesurer le contour d'un cylindre dans une cage de laminoir

Publication

EP 1210992 A3 20040506 (DE)

Application

EP 01126265 A 20011106

Priority

DE 10059321 A 20001129

Abstract (en)

[origin: EP1210992A2] Contour measuring device (16) has a number of measuring heads (18) which travel along a longitudinal axis (24) directed parallel to a roller axis (12). Each head is structured to keep a prescribed distance from the surface of the roller. Preferred Features: At least two measuring heads are provided. The heads each comprise a sensor finger arranged in a housing and having a gas outlet on its outer end to produce an air cushion. A measuring system (70) is also provided for determining the position of each head relative to a fixed point of the roll stand (1).

IPC 1-7

B21B 38/12

IPC 8 full level

B21B 38/12 (2006.01)

CPC (source: EP)

B21B 38/12 (2013.01)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 007, no. 192 (P - 218) 23 August 1983 (1983-08-23)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 239 (P - 391) 25 September 1985 (1985-09-25)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 548 (M - 1490) 4 October 1993 (1993-10-04)

Cited by

CN102198453A; EP1216766A3; WO2012130216A1

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