

Title (en)

Method and device for precision rolling of rotationally symmetric workpieces

Title (de)

Verfahren und Vorrichtung zum Präzisionsrollen von rotationssymmetrischen Bauteilen

Title (fr)

Procédé et laminoir pour le laminage de précision des pièces à symétrie de rotation

Publication

EP 1661638 B1 20071121 (DE)

Application

EP 05025308 A 20051119

Priority

DE 102004056921 A 20041125

Abstract (en)

[origin: EP1661638A2] A mechanical or optical measuring unit like mechanical tracer or camera determines the actual diameter of the component (3) held by a support (6) between two rolling heads (4,5). An evaluating unit compares the actual diameter with the desired finishing diameter to obtain an adjustment value. A control unit adjusts the distance between the rolling heads using the adjustment value. An independent claim is also included for method of precision rolling of a surface area of a rotationally symmetrical component.

IPC 8 full level

B21H 1/00 (2006.01); **B21H 3/00** (2006.01); **B21H 5/00** (2006.01)

CPC (source: EP US)

B21H 1/00 (2013.01 - EP US); **B21H 3/00** (2013.01 - EP US); **B21H 5/00** (2013.01 - EP US); **B21H 3/02** (2013.01 - EP US); **B21H 3/06** (2013.01 - EP US); **B21H 5/022** (2013.01 - EP US); **B21H 9/02** (2013.01 - EP US)

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DOCDB simple family (publication)

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