

Title (en)

Device for determining the feed rate of a finishing belt

Title (de)

Einrichtung zur Erfassung des Vorschubs eines Finishbands

Title (fr)

Dispositif de détection de l'avancée d'une bande de finition

Publication

EP 2452779 B1 20130424 (DE)

Application

EP 10191368 A 20101116

Priority

EP 10191368 A 20101116

Abstract (en)

[origin: EP2452779A1] The Detection mechanism (44) has an attachment section (74) for attaching to a finishing line (42). A motion of the line is transferred to the attachment section. A sensor device (96) includes a sensor (92) and a reference section (82) in cooperation with the sensor. The reference section or the sensor is movably coupled with the attachment section. The sensor device is designed in the form of displacement measuring device or distance measuring device. The reference section is designed in the form of reference surface (86) that exhibits different radii of curvature along a gradient. An independent claim is also included for a device for finished processing of a workpiece, including a drive device.

IPC 8 full level

B24B 21/00 (2006.01); **B24B 21/20** (2006.01); **B24B 35/00** (2006.01); **B24B 49/00** (2012.01)

CPC (source: EP US)

B24B 21/004 (2013.01 - EP US); **B24B 21/20** (2013.01 - EP US); **B24B 35/00** (2013.01 - EP US); **B24B 49/00** (2013.01 - EP US)

Cited by

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