

Title (en)

AUTOMATIC CENTRELESS FINISHING APPARATUS FOR ARTICLES WITH A ROTATION-SYMMETRIC SURFACE IN A PASS-THROUGH MACHINE

Publication

**EP 0347847 B1 19930915 (DE)**

Application

**EP 89111223 A 19890620**

Priority

- DE 8807980 U 19880621
- DE 8812160 U 19880926

Abstract (en)

[origin: EP0347847A2] The surface finishing system for rotationally symmetrical workpieces has a number of successive machining stations along the workpiece feed path, using individually adjustable finishing stores (20) vibrated via a common oscillation drive (32). The latter is monitored by an oscillation sensor (50) providing an electrical output signal for a control microprocessor (80). This compares the detected oscillation with a supplied reference value to allow a constant oscillation amplitude to be maintained. The oscillation is detected via an acceleration sensor coupled to the microprocessor (80) via integrators.

IPC 1-7

**B24B 35/00**; **B24B 47/10**

IPC 8 full level

**B24B 35/00** (2006.01); **B24B 47/10** (2006.01)

CPC (source: EP US)

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