

Title (en)

METHOD OF GRINDING CYLINDRICAL SURFACES EXTERNALLY

Publication

**EP 0242593 A3 19890726 (DE)**

Application

**EP 87104056 A 19870319**

Priority

DE 3613733 A 19860423

Abstract (en)

[origin: EP0242593A2] Provided in the external cylindrical grinding machine is a rocker on which the grinding wheel is mounted and which is adjusted by a threaded spindle which is driven by a stepping motor or a digital motor. The infeed of the grinding wheel, i.e. the adjustment of the rocker, is controlled by a computer in accordance with the axial travel of the rocker or of the tool slide as a function of the oblique position of the roller to be ground with regard to the axial travel of the rocker or the tool slide. <IMAGE>

IPC 1-7

**B24B 5/16**; **B24B 49/00**

IPC 8 full level

**B24B 49/02** (2006.01); **B24B 5/16** (2006.01); **B24B 49/00** (2012.01); **B24B 49/04** (2006.01)

CPC (source: EP KR)

**B24B 5/04** (2013.01 - KR); **B24B 5/167** (2013.01 - EP); **B24B 49/00** (2013.01 - EP)

Citation (search report)

- [AD] US 4218850 A 19800826 - GOTO HARUKATSU [JP], et al
- [AD] US 4516212 A 19850507 - NAGASHIMA KAZUO [JP]
- [A] EP 0154683 A2 19850918 - HOESCH AG [DE]
- [A] DE 2927650 A1 19800124 - TSCHUDIN WERKZEUGMASCH

Cited by

EP0395576A1; CN111791101A; US6379227B1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

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