

Title (en)

Apparatus and method for finishing shafts, especially crank- and camshafts

Title (de)

Vorrichtung und Verfahren zur Finishbearbeitung von Wellen, insbesondere von Kurbel- und Nockenwellen

Title (fr)

Dispositif et procédé pour la finition d'arbres, en particulier de vilbrequins et d'arbres à cames

Publication

EP 1514642 A3 20060118 (DE)

Application

EP 04020720 A 20040901

Priority

DE 10342137 A 20030912

Abstract (en)

[origin: EP1514642A2] The grinding machine has an oscillating tool carrier beam (1) swiveling on a first pivot (11) and moved by a pin (11') on a rotating wheel (10'). The grinding band (2) with the support band passes over a drive pulley (6) on the end of the beam remote from the workpiece (3). The bands pass over tensioning wheels (7,13) and go round small guide rollers (9) to form a loop going round a wide arc (alpha) of the rotating workpiece. The small guide rollers are held on the ends of curved struts (14).

IPC 8 full level

B24B 5/42 (2006.01); **B24B 19/12** (2006.01); **B24B 21/00** (2006.01); **B24B 35/00** (2006.01); **B24B 53/10** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] DE 4330800 A1 19940217 - NOMOCO MASCHINENBAU GEBRUEDER [DE]
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