

Title (en)

METHOD AND CONTROL OF BOTH THE INITIAL AND FINAL FEED MOVEMENTS OF A GRINDING WHEEL

Publication

EP 0304907 A3 19891227 (DE)

Application

EP 88113845 A 19880825

Priority

DE 3728390 A 19870826

Abstract (en)

[origin: EP0304907A2] The method serves to control the gradual initial feed movement or final feed movement of a grinding wheel (18) relative to a workpiece (10) or a measuring sensor. In this method, a series of measured values for the current consumption of the rotary drive motor (24) of the grinding wheel (18) are recorded during the grinding or final feed movement. If a certain series of measured current values remain below a certain limit, a further initial feed step is triggered. During the control of the final feed, the final feed movement is stopped when the measured current values reach a certain limit. This control of the final feed forms the second phase of a combined final-feed control method in whose first phase a spark current between the grinding tool (18) and the workpiece (10) is produced and measured. This spark current serves as a measure of the distance between the tool (18) and the workpiece (10). <IMAGE>

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B24B 47/22; **B24B 49/16**

IPC 8 full level

B24B 47/22 (2006.01); **B24B 49/16** (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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