

Title (en)

METHOD AND DEVICE FOR HIGH-SPEED PROFILE GRINDING OF DYNAMICALLY BALANCED WORKPIECES

Publication

EP 0176654 A3 19870909 (DE)

Application

EP 85102261 A 19850228

Priority

DE 3435313 A 19840926

Abstract (en)

[origin: EP0176654A2] In a method and a device for high-speed profile grinding of rotating, clamped, dynamically balanced workpieces, a grinding wheel with a generating line running essentially in a planar manner is guided towards the workpiece surface to be machined in such a way that the grinding wheel, during the grinding operation, touches the workpiece periphery in the area of its finished diameter merely at a point lying on the normal to the longitudinal axis of the workpiece, the generating line of the grinding wheel enclosing a clearance angle with the peripheral line of the ground workpiece surface. <IMAGE>

IPC 1-7

B24B 5/00; **B24B 1/00**

IPC 8 full level

B24B 5/04 (2006.01); **B24B 1/00** (2006.01); **B24B 5/00** (2006.01)

CPC (source: EP)

B24B 5/00 (2013.01)

Citation (search report)

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AT BE CH FR GB IT LI LU NL SE

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EP 0176654 A2 19860409; **EP 0176654 A3 19870909**; **EP 0176654 B1 19920715**; AT E78204 T1 19920815; BR 8501203 A 19851112; CS 175585 A2 19850815; CS 272205 B2 19910115; DD 232863 A5 19860212; ES 541094 A0 19860416; ES 8605705 A1 19860416; SU 1452466 A3 19890115

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