

Title (en)

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

Publication

**EP 0176654 B1 19920715 (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 1/00**; **B24B 5/00**

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)

Cited by

CN102756308A; GB2225264A; GB2225264B; EP0346425B1

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

**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

DOCDB simple family (application)

**EP 85102261 A 19850228**; AT 85102261 T 19850228; BR 8501203 A 19850314; CS 175585 A 19850313; DD 27405285 A 19850312; ES 541094 A 19850308; SU 3869854 A 19850312