

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

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