

Title (en)

Method and apparatus for abrasively working surfaces of revolution

Title (de)

Verfahren und Vorrichtung zum Rundschleifen

Title (fr)

Méthode et dispositif pour abraser des pièces à symétrie de révolution

Publication

EP 1475186 B1 20050921 (DE)

Application

EP 03405603 A 20030819

Priority

- EP 03405603 A 20030819
- EP 03405323 A 20030507

Abstract (en)

[origin: EP1475186A1] Process for cylindrical grinding of a workpiece (118) comprises pressing an auxiliary abrasive tool (154) rotating about an auxiliary tool axis (153) and having a flat abrasive surface arranged perpendicularly to the auxiliary tool axis against the workpiece during grinding so that the abrasive surface is arranged in a tangential plane to a second workpiece surface (113). The second workpiece surface lies in contact with a contact line (109). The abrasive surface protrudes over the transition edge (119) in the direction of the contact line of the second workpiece surface. An independent claim is also included for a device used for carrying out the above process.

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IPC 8 full level

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CPC (source: EP)

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