

Title (en)

Diamond grinding segment and grinding tool for surface machining of workpieces

Title (de)

Diamant-Schleifsegment und Schleifwerkzeug zur Oberflächenbearbeitung von Werkstücken

Title (fr)

Segment de meulage diamanté et outil de meulage pour l'usinage de la surface de pièces

Publication

EP 1136183 B1 20070321 (DE)

Application

EP 01105769 A 20010308

Priority

DE 10012073 A 20000314

Abstract (en)

[origin: EP1136183A2] The diamond abrasive wheel (116) incorporates a grinding segment (120) which is held on a support body (118). The grinding segment contains a hollow cavity. (122). Either the grinding segment or and the support body contains at east one ventilation duct (152) connected to the cavity in the grinding segment. The grinding segment and support body together are sintered in one piece on a grinding tool (110). The grinding plate (114) rotates on the tool's center axis.

IPC 8 full level

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CPC (source: EP)

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Cited by

JP2014117763A; EP2425925A1; JP2015223652A

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EP 1136183 A2 20010926; **EP 1136183 A3 20030813**; **EP 1136183 B1 20070321**; AT E357312 T1 20070415; DE 10012073 A1 20010927; DE 10012073 B4 20041216; DE 50112212 D1 20070503

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