

Title (en)  
GRINDING WHEEL WITH LAYERED ABRASIVE SURFACE

Title (de)  
SCHLEIFSCHEIBE MIT SCHICHTFÖRMIGEN SCHLEIFFLÄCHEN

Title (fr)  
MEULE A SURFACE ABRASIVE STRATIFIEE

Publication  
**EP 1053078 B2 20080102 (EN)**

Application  
**EP 98964998 A 19981228**

Priority  
• US 9827756 W 19981228  
• US 1965798 A 19980206

Abstract (en)  
[origin: WO9939876A1] A cylindrical, abrasive grinding wheel having a cylindrical abrasive region with an abrasive surface at an outer circular band thereof. The abrasive region includes layers of abrasive particles. The layers of abrasive particles can be tilted with respect to an axis of rotation of the grinding wheel or they can be fitted such that grooving in the grinding wheel and a workpiece ground by the grinding wheel can be reduced. Alternatively, the abrasive region can be formed from a plurality of abrasive segments each having layers of abrasive particles. The layers of abrasive particles can be staggered in the direction of the axis of rotation from one segment to another. This can also reduce grooving in the grinding wheel and workpieces.

IPC 8 full level  
**B24D 5/06** (2006.01); **B24D 5/10** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP KR)  
**B24D 5/06** (2013.01 - KR); **B24D 5/066** (2013.01 - EP); **B24D 5/10** (2013.01 - EP); **B24D 18/00** (2013.01 - EP)

Cited by  
US9937604B2

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DOCDB simple family (publication)  
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