

Title (en)  
Diamond-tipped cutting disc

Title (de)  
Diamant-Trennscheibe

Title (fr)  
Disque de tronçonnage diamanté

Publication  
**EP 1561534 B1 20070725 (EN)**

Application  
**EP 05002335 A 20050204**

Priority  
IT VI20040018 A 20040209

Abstract (en)  
[origin: EP1561534A1] The finding concerns a diamond-tipped cutting disc, to be used for cutting or chamfering different products, from natural stones to ceramics, from granite and marble floor tiles to single fired products and from fine compact clinker bricks to hard porcelain stoneware. Such a disc consists of a central disc or core (2) made from steel, equipped with the hole (3) for the attachment to the machine tool and the diamond band or ring (4), arranged on the outside with respect to the first. Such as disc is characterised in that the diamond band has shaped ridges on a side wall or on both of the side walls, which constitute the abrasive surface of the tool. <IMAGE>

IPC 8 full level  
**B23D 61/02** (2006.01); **B24D 5/12** (2006.01); **B24D 7/06** (2006.01); **B28D 1/12** (2006.01)

CPC (source: EP)  
**B24D 5/123** (2013.01); **B24D 7/06** (2013.01); **B28D 1/121** (2013.01)

Cited by  
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DOCDB simple family (publication)  
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