

Title (en)
Dressing roll for grinding wheels

Title (de)
Abrichtrolle für Schleifscheiben

Title (fr)
Molette de dressage pour meules de rectification

Publication
EP 1336456 A1 20030820 (DE)

Application
EP 03002778 A 20030207

Priority
AT 2452002 A 20020218

Abstract (en)
The adjustment roller is for a grinding wheel and involves a support disk on the periphery of which are spaced support slots in which diamonds are inserted. At least one edge layer (2) is sintered onto the support disk (1). The edge layer extends to the peripheral edge of the support disk, and its thickness is between 0.3 mm and 0.9 mm. The support disk has recesses (5) radially within the accommodation slots (4), via which the two edge layers are joined to each other by through ribs. The support disk is coppered and edge layers contain wolfram carbide, cobalt, bronze and tin. The diamonds (3) inserted in the accommodation slots are elongated and are adhered to the support disk. The support disk is clampable in a two-part clamp component (10a,10b).

Abstract (de)
Abrichtrolle für Schleifscheiben, mit einer Trägerscheibe, die am Umfang in Umfangsrichtung beabstandete Aufnahmeschlitzte aufweist, in die Diamanten eingesetzt sind, wobei auf die Trägerscheibe (1) seitlich zumindest eine Randschicht (2) aufgesintert ist. <IMAGE>

IPC 1-7
B24B 53/14; **B24D 5/06**; **B24D 18/00**

IPC 8 full level
B24B 53/14 (2006.01); **B24D 5/06** (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP)
B24B 53/14 (2013.01); **B24D 5/06** (2013.01); **B24D 18/00** (2013.01)

Citation (search report)

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- [DA] US 1601378 A 19260928 - SLADE ALTON P
- [A] EP 0922533 A2 19990616 - WINTER & SOHN ERNST [DE]
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Citation (examination)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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