

Title (en)

Textile disc or wheel impregnated with resin containing abrasive particles, process of preparation thereof and lapping/buffing process

Title (de)

Eine von Schleifeteilchen enthaltendem Harz imprägnierte Scheibe, Verfahren zum Herstellen der Scheibe und Läppenverfahren

Title (fr)

Disque en textile imprégné d'une résine contenant particules abrasives, procédé pour sa fabrication et procédé de rodage

Publication

EP 0635334 B1 20020605 (EN)

Application

EP 94830368 A 19940720

Priority

IT VA930014 A 19930722

Abstract (en)

[origin: EP0635334A2] Textile discs and wheels for surface lapping/buffing are impregnated with a resin solution containing an abrasive powder suspended therein. Following vacuum impregnation and centrifugation, the impregnated buffing discs and wheels are oven-treated for polymerizing the resin. The abrasive powder incorporated in the impregnating resin provides a source of abrasive material in the work area of the disc or wheel, thus making up for the abrasive paste shortage during intervals between successive paste applications. This allows a considerable saving of abrasive paste while increasing buffing disc life. <IMAGE>

IPC 1-7

B24D 13/12; **B24D 18/00**; **B24D 3/28**

IPC 8 full level

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CPC (source: EP)

B24D 3/28 (2013.01); **B24D 13/12** (2013.01); **B24D 18/0027** (2013.01)

Citation (examination)

- EP 0446871 A1 19910918 - KURT KOCH GMBH [DE]
- CH 417387 A 19660715 - CARBORUNDUM CO [US]

Cited by

CN102794715A; US5996167A; CN104260004A; WO9718059A1; US6251002B1; US6514363B2

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