

Title (en)  
Method for finish-polishing

Title (de)  
Verfahren zum abschliessenden Polieren

Title (fr)  
Procédé de polissage de finition

Publication  
**EP 1525947 B1 20060412 (FR)**

Application  
**EP 03292647 A 20031023**

Priority  
• EP 03292647 A 20031023  
• US 70501703 A 20031111

Abstract (en)  
[origin: EP1525947A1] Workpiece polishing and finishing procedure uses polishing material with abrasive stuck permanently to deformable backing material : The procedure for polishing and finishing a workpiece (1) surface uses a polishing material (2) such as felt with an abrasive, e.g. cerium oxide, stuck permanently to a backing material (3), applying pressure to the latter when the polishing element is in contact with the surface to be polished so that the polishing material adapts to the shape of the polished surface. The backing material can be deformable by plastic flow and/or is hardenable. It can be of pitch that is heated and then cooled, or a gel-type adhesive that can be hardened by polymerisation or UV radiation.

IPC 8 full level  
**B24B 13/02** (2006.01); **B24B 13/015** (2006.01); **B24B 37/00** (2012.01)

CPC (source: EP US)  
**B24B 13/015** (2013.01 - EP US); **B24B 13/02** (2013.01 - EP US); **B24B 37/00** (2013.01 - EP US)

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