

Title (en)  
Fixed-abrasive belt polisher

Title (de)  
Bandpoliergerät mit fixiertem Schleifmittel

Title (fr)  
Polissoir a bande de abrasiv fixé

Publication  
**EP 1177858 A1 20020206 (EN)**

Application  
**EP 00306584 A 20000802**

Priority  
EP 00306584 A 20000802

Abstract (en)  
A chemical mechanical polishing apparatus (30) includes a substrate holder (40) to hold a substrate (50), a continuous polishing belt (60), and a backing member (66). The polishing belt includes a first layer formed of a fixed-abrasive polishing material (22) and having a first side, and a second layer formed of a flexible membrane material (20) and having a second side. The belt is configured so that in use the first side of the belt contacts at least a portion of the substrate held by the substrate holder while the membrane is moving in a first direction in a generally linear path relative to the substrate. The backing member (66) is positioned on the second side of the membrane. <IMAGE>

IPC 1-7  
**B24B 37/04**; **B24B 21/10**; **B24B 53/02**

IPC 8 full level  
**B24B 21/10** (2006.01); **B24B 37/24** (2012.01); **B24D 3/28** (2006.01)

CPC (source: EP)  
**B24B 21/10** (2013.01); **B24B 37/245** (2013.01); **B24D 3/28** (2013.01)

Citation (search report)  
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• [Y] WO 9849723 A1 19981105 - MINNESOTA MINING & MFG [US], et al  
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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