

Title (en)  
Polishing tool having a plurality of pressure zones

Title (de)  
Polierwerkzeug mit mehreren Druckzonen

Title (fr)  
Outil de polissage à plusieurs zones de pression

Publication  
**EP 1652619 B1 20070110 (DE)**

Application  
**EP 05109787 A 20051020**

Priority  
DE 102004052945 A 20041029

Abstract (en)  
[origin: EP1652619A2] The tool has a drive shaft to drive a polishing pad (7) including a diaphragm (7.1). Force of the diaphragm is transferred perpendicularly to a lens surface by the polishing pad. The diaphragm is connected with a reinforcement unit (2), which is dimensionally stable and flexible in a direction parallel and perpendicular to a surface of the diaphragm. The unit is deformed by the pad into a toric form. An independent claim is also included for a method of operating an optical lens polishing tool.

IPC 8 full level  
**B24B 13/02** (2006.01)

CPC (source: EP US)  
**B24B 13/012** (2013.01 - EP US); **B24B 13/02** (2013.01 - EP US); **Y10S 451/921** (2013.01 - EP US)

Cited by  
EP2065132A3; EP4129569A1; TWI481471B; WO2023011979A1

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DOCDB simple family (publication)  
**EP 1652619 A2 20060503; EP 1652619 A3 20060607; EP 1652619 B1 20070110**; DE 502005000312 D1 20070222;  
US 2006094341 A1 20060504; US 7217176 B2 20070515

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