

Title (en)  
Quick-change lens tool.

Title (de)  
Schnellwechselwerkzeug für Linsen.

Title (fr)  
Outil pour lentilles à montage rapide.

Publication  
**EP 0270117 A2 19880608 (EN)**

Application  
**EP 87117908 A 19871203**

Priority  
US 93725186 A 19861203

Abstract (en)  
A lens grinding tool having a cylindrical shank and a radial shoulder is secured to the shaft of a motor for rapidly rotating the tool, by means of a drawbar extending the length of the shaft and threaded into an axial threaded bore in the cylindrical shank. The location of the tool is precisely fixed by means of ring-shaped shims adapted for placement about the cylindrical shank of the tool between the shoulder and either a mating surface on the shaft or intermediate means for securing the tool to the shaft.

IPC 1-7  
**B24B 13/01**; **B24B 45/00**

IPC 8 full level  
**B24B 13/01** (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP KR)  
**B24B 9/14** (2013.01 - KR); **B24B 13/01** (2013.01 - EP); **B24B 45/00** (2013.01 - EP)

Cited by  
EP0509481A3; AU703081B2; WO9606709A1; WO9718918A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0270117 A2 19880608**; **EP 0270117 A3 19890628**; BR 8706539 A 19880712; CA 1307400 C 19920915; JP S63162149 A 19880705; KR 880007173 A 19880826; ZA 879084 B 19880601

DOCDB simple family (application)  
**EP 87117908 A 19871203**; BR 8706539 A 19871203; CA 553394 A 19871202; JP 30468187 A 19871203; KR 870013743 A 19871203; ZA 879084 A 19871203