

Title (en)  
DEVICE FOR SHARPENING BLADES

Title (de)  
VORRICHTUNG ZUM SCHÄRFEN VON SCHNEIDEN

Title (fr)  
DISPOSITIF A AIGUISER DES LAMES

Publication  
**EP 0912296 A1 19990506 (DE)**

Application  
**EP 97934414 A 19970711**

Priority  
• DE 9701467 W 19970711  
• DE 19627813 A 19960711

Abstract (en)  
[origin: US6119554A] PCT No. PCT/DE97/01467 Sec. 371 Date May 17, 1999 Sec. 102(e) Date May 17, 1999 PCT Filed Jul. 11, 1997 PCT Pub. No. WO98/02280 PCT Pub. Date Jan. 22, 1998A device for sharpening blades has a hard metal cutting blade (7) per se known in the art, secured to an ergonomically shaped handle (1). A bead (6) is provided to reduce the risk of accidents.

IPC 1-7  
**B24D 15/06**

IPC 8 full level  
**B24D 15/06** (2006.01)

CPC (source: EP US)  
**B24D 15/06** (2013.01 - EP US)

Citation (search report)  
See references of WO 9802280A1

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

DOCDB simple family (publication)  
**US 6119554 A 20000919**; AT E235991 T1 20030415; AU 3765297 A 19980209; AU 725512 B2 20001012; CA 2260186 A1 19980122; DE 19654042 A1 19980115; DE 19780690 D2 19990902; DE 59709706 D1 20030508; DK 0912296 T3 20030721; EP 0912296 A1 19990506; EP 0912296 B1 20030402; NO 990057 D0 19990107; NO 990057 L 19990107; NZ 334102 A 20000929; WO 9802280 A1 19980122

DOCDB simple family (application)  
**US 21465999 A 19990517**; AT 97934414 T 19970711; AU 3765297 A 19970711; CA 2260186 A 19970711; DE 19654042 A 19961223; DE 19780690 T 19970711; DE 59709706 T 19970711; DE 9701467 W 19970711; DK 97934414 T 19970711; EP 97934414 A 19970711; NO 990057 A 19990107; NZ 33410297 A 19970711