

Title (en)  
KNIFE-SHARPENING MACHINE

Title (de)  
MESSERSCHÄRFVORRICHTUNG

Title (fr)  
DISPOSITIF D'AFFUTAGE DES COUTEAUX

Publication  
**EP 1328379 B1 20070502 (DE)**

Application  
**EP 01988641 A 20011010**

Priority  
• DE 10052439 A 20001023  
• EP 0111695 W 20011010

Abstract (en)  
[origin: US2004014415A1] The invention relates to a knife sharpening machine comprising a plate-type holding device on which two intersecting sharpening bars are rotationally mounted and loaded in relation to each other by means of springs. The sharpening bars, at least in the grinding area, are made of a ceramic material. The plate is provided with a slit which is open on one end and closed on the other, extending as far as the intersection point of the sharpening bars. When pressure is exerted by the knife in the direction of the closed slit end, the sharpening bars are spread apart from each other counter to the force of the springs. Curved guides are provided on both sides of the slit. The ends of the sharpening bars, facing away from the axes of rotation thereof, are guided therein.

IPC 8 full level  
**B24B 3/36** (2006.01); **B24D 15/08** (2006.01)

CPC (source: EP US)  
**B24D 15/081** (2013.01 - EP US)

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Cited by  
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