

Title (en)

Two dimensionally effective knife for chipping machines as well as a device and method for its production and sharpening

Title (de)

Zweidimensional wirksames Messer für Zerspanmaschinen sowie Vorrichtung und Verfahren zu seiner Herstellung und Nachschärfung

Title (fr)

Couteau travaillant en deux dimensions pour déchiqueteuse si bien qu'un dispositif et procédé de son fabrication et son affûtage

Publication

**EP 1358980 A3 20040818 (DE)**

Application

**EP 03009310 A 20030424**

Priority

DE 10219455 A 20020430

Abstract (en)

[origin: EP1358980A2] The knife blade (1) has an edge (3) chamfered at an acute angle to produce a sharp cutting edge (2). The sharp edge is broken by wedges (4) with sharp forward edges facing forward to cut chips coming off the cutting edge into short sections. The knife may be sharpened by a grinding wheel with a chamfered edge which shapes the wedges.

IPC 1-7

**B27L 11/00**; **B24B 3/36**; **B02C 18/18**

IPC 8 full level

**B02C 18/18** (2006.01); **B24B 3/36** (2006.01); **B27L 11/00** (2006.01)

CPC (source: EP)

**B02C 18/186** (2013.01); **B24B 3/368** (2013.01); **B27L 11/005** (2013.01)

Citation (search report)

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