

Title (en)  
DAMPENED TOOL

Title (de)  
GEDÄMPFTES WERKZEUG

Title (fr)  
OUTIL AMORTI

Publication  
**EP 1224049 A1 20020724 (DE)**

Application  
**EP 00972737 A 20001011**

Priority  
• DE 19948891 A 19991011  
• EP 0010023 W 20001011

Abstract (en)  
[origin: DE19948891A1] The invention relates to the damping unit of a rotary tool assembly that is used for cutting, especially for metal-cutting. The aim of the invention is to provide a tool base body that can be simply produced at low costs and that allows the individual edges (4) or cassettes (3) to be changed. Also, said damping unit should be sufficiently stable with respect to the possible torque transmission and other parameters so that it can be used to cut steel while allowing an improved damping and vibration behavior. To this end, the base body consists, in the radial direction, of a base part (1) and at least one intermediate part (2) with a damping layer (5) being interposed.

IPC 1-7  
**B23D 61/02**; **B29C 45/14**; **B23Q 11/00**

IPC 8 full level  
**B23Q 11/00** (2006.01); **B29C 45/14** (2006.01)

CPC (source: EP)  
**B23Q 11/0032** (2013.01); **B29C 45/14491** (2013.01)

Citation (search report)  
See references of WO 0126857A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FR GB IT LI

DOCDB simple family (publication)  
**DE 19948891 A1 20010419**; EP 1224049 A1 20020724; WO 0126857 A1 20010419

DOCDB simple family (application)  
**DE 19948891 A 19991011**; EP 0010023 W 20001011; EP 00972737 A 20001011