

Title (en)  
MECHANICAL PARTS

Title (de)  
MECHANISCHE TEILE

Title (fr)  
PIECES MECANIQUES

Publication  
**EP 1543386 A2 20050622 (FR)**

Application  
**EP 03702274 A 20030304**

Priority  
• CH 0300151 W 20030304  
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Abstract (en)  
[origin: WO2004029733A2] The use of diamond as raw material for producing mechanical parts offers many advantages: the low friction factor of said material makes it usable for friction parts as well as the impact strength thereof makes it appropriately usable for certain parts. The mechanical strength of the material makes it possible to reduce the sizes of the mechanical parts and even to cut out holes therein. The high value of the coefficient of elasticity makes it possible to produce the parts exposed to elastic stress such as spiral springs.

IPC 1-7  
**G04B 15/14**; **G04B 31/02**; **G04B 19/12**; **G04B 17/06**; **G04B 1/14**

IPC 8 full level  
**G04B 1/14** (2006.01); **G04B 15/14** (2006.01); **G04B 17/06** (2006.01); **G04B 19/12** (2006.01); **G04B 31/04** (2006.01)

CPC (source: EP)  
**G04B 1/145** (2013.01); **G04B 15/14** (2013.01); **G04B 17/066** (2013.01); **G04B 19/12** (2013.01); **G04B 31/04** (2013.01)

Citation (search report)  
See references of WO 2004029733A2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

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**WO 2004029733 A2 20040408**; **WO 2004029733 A3 20040708**; AT E412205 T1 20081115; AU 2003205503 A1 20040419; AU 2003205503 A8 20040419; DE 60324292 D1 20081204; EP 1543386 A2 20050622; EP 1543386 B1 20081022

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