

Title (en)  
Honing method

Title (de)  
Verfahren zum Honbearbeiten

Title (fr)  
Procédé de rodage

Publication  
**EP 1236539 A3 20030723 (DE)**

Application  
**EP 02004169 A 20020226**

Priority  
DE 10110200 A 20010302

Abstract (en)  
[origin: EP1236539A2] To machine the surface of a drilling (3) tool to give hone tracks (5), it is worked by a spindle honing tool, with at least one forward stroke and one reverse stroke. The ratio of the stroke movement speed to the rotary speed of the tool (3) is increased over the normal spindle honing ratios. The ratio of the stroke speed to the rotary speed of the tool is increased when the tool movement is reversed.

IPC 1-7  
**B24B 33/02**; **B24B 19/02**

IPC 8 full level  
**B24B 19/02** (2006.01); **B24B 33/02** (2006.01)

CPC (source: EP US)  
**B24B 19/028** (2013.01 - EP US); **B24B 33/02** (2013.01 - EP US); **Y10T 408/8588** (2015.01 - EP US)

Citation (search report)  
• [X] US 6012973 A 20000111 - NAGEL WOLF [DE]  
• [X] DE 3735266 A1 19890427 - NAGEL MASCH WERKZEUG [DE]  
• [X] DE 4226335 A1 19940210 - NAGEL MASCH WERKZEUG [DE], et al  
• [A] US 5630953 A 19970520 - KLINK ULRICH [DE]

Cited by  
DE102017121272A1; WO2019052722A1; DE102017121269A1; WO2019052724A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1236539 A2 20020904**; **EP 1236539 A3 20030723**; DE 10110200 A1 20020905; US 2002173236 A1 20021121; US 6793560 B2 20040921

DOCDB simple family (application)  
**EP 02004169 A 20020226**; DE 10110200 A 20010302; US 8531102 A 20020228