

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

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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DOCDB simple family (application)
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