

Title (en)

PROCESS FOR MACHINING THE INNER SURFACES OF BORES.

Title (de)

VERFAHREN ZUM BEARBEITEN DER INNENFLÄCHEN VON BOHRUNGEN.

Title (fr)

PROCEDE POUR L'USINAGE DES SURFACES INTERIEURES D'ALESAGES.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9207687A1] According to a process for machining bores of workpieces, a honing tool provided with an abrasive coating and radially pressed against the wall of the bore carries out simultaneous rotary and reciprocal movements. In addition to the reciprocal and rotary movements (2, 3), the honing tool (1, 100) vibrates with a high-frequency, short-hub natural vibration (31, 22) excited by ultrasonic oscillation in the range between 16 and 40 KHz.

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