

Title (en)

HONING TOOL AND SUPER-HIGH-PRECISION FINISHING METHOD USING SAID HONING TOOL

Title (de)

HONWERKZEUG UND DIESES HONWERKZEUG VERWENDENDES HOCHGENAUES FEINSTBEARBEITUNGSVERFAHREN

Title (fr)

OUTIL DE POLISSAGE A LA PIERRE ET PROCEDE DE SUPERFINITION HAUTE PRECISION UTILISANT UN TEL OUTIL

Publication

**EP 0610498 B1 19980923 (EN)**

Application

**EP 90911698 A 19900804**

Priority

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Abstract (en)

[origin: EP0610498A1] This invention relates to a honing tool for applying honing finishing to works with high precision and a method of super-high-precision finishing using said honing tool, the honing tool being composed of mainly a pilot part (5), rough grinder part (7), finishing grinder part (10), and correction part (13). The honing tool is fed at high speed while being reciprocated a short distance at a time to apply grind finishing and straightness correction finishing for complete honing. This invention enables increase in grinding work efficiency, improvement in precision in finishing and honing finishing providing a high degree of straightness. <IMAGE>

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**B24B 33/08**

IPC 8 full level

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CPC (source: EP)

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- JP-A-54 074 589
- JP-A-55 011 756
- JP-A-61 288 971
- JP-B-56 030 149
- JP-U-60 190 559

Cited by

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