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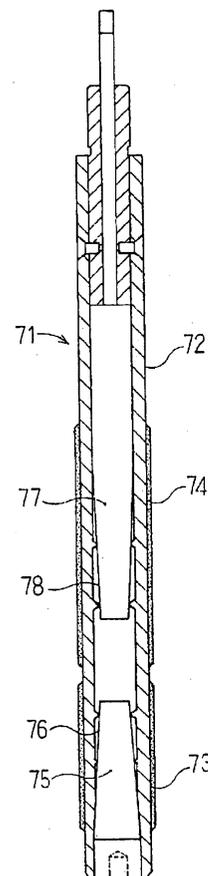
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(54) **A honing tool and super-high precision finishing method using said honing tool**

(57) The invention relates to a honing tool for carrying out honing working of a work with high accuracy and super precision finishing method using the honing tool. The honing tool is mainly constituted by a pilot section (5), a rough grinding section (7), a finish grinding section (10) and a correction section (13). The honing tool is sent at rapid speed while being reciprocated little, and the machining working and correction finishing of the straightness are carried out thereby the honing working is carried out. According to the invention, the machining working efficiency and the working accuracy can be improved, and the honing finishing with high straightness becomes possible.

Fig. 3





European Patent
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EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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