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(54) **Lapping head with oscillating toolholders**

(57) Lapping head with oscillating toolholders, with a driving shaft (1), and a plurality of toolholders (6) which are connected to the driving motor (1) by means of first and second drive means for the transmission of motion; wherein the first drive means (3, 5) comprise a first body (5) for supporting the toolholders (6) which is integral with the driving shaft (1) and the second drive means cause the toolholders (6) to oscillate about their axes (7), wherein the second drive means comprise at least

a plurality of first gears (15) pivoted on said plurality of toolholders (6), and a crown gear (12) connected to the driving motor (1) and meshing with said plurality of first gears (15) through two toothings (14, 15') one of which exhibits at least a variation of inclination along its development, and wherein the said toolholders (6) are pivoted on said support body so as to oscillate when the meshing of said toothings takes place in correspondence of a portion thereof exhibiting said variation of inclination (Fig. 1).

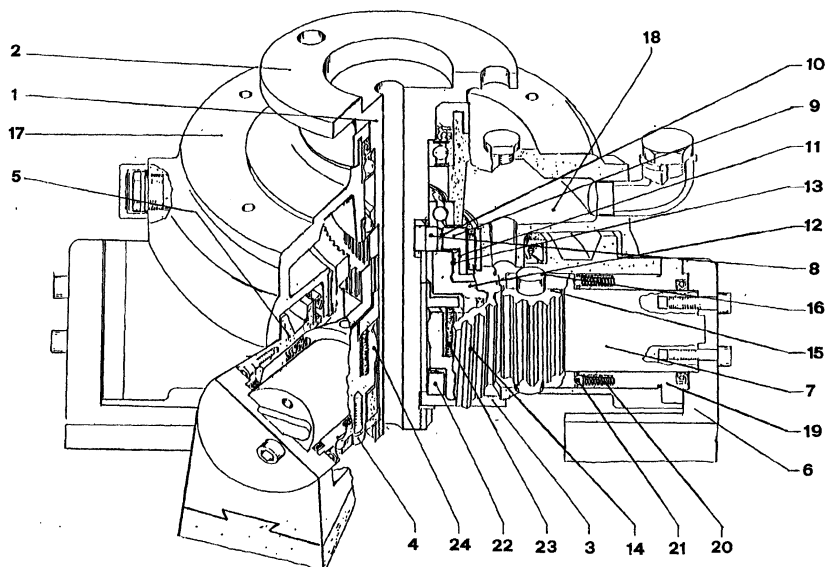


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 83 0162

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B24B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 December 2000	Examiner Fiorani, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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