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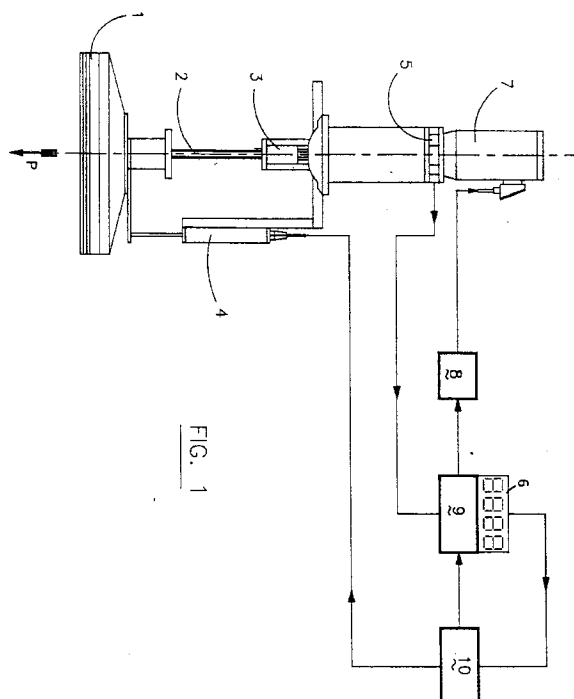
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(54) **Method of and apparatus for continuously controlling the pressure applied on workpieces in a double-plate lapping machine.**

(57) A method of and an apparatus for continuously controlling the pressure (P) applied on workpieces in a double-plate lapping machine, in which the upper plate (1) is connected by means of a linear transducer (4) for controlling the position thereof to a central processing unit (10) driving a servomotor (7) associated to a pressure measuring unit (5) provided with a videodisplay (6) and interconnected between the servomotor and the plate for measuring the pressure applied to the plate, and belonging to a mechanical assembly (2,3) causing the plate to axially move in both directions so as to continuously adjust the pressure on the workpieces according to data set in the central processing unit and the signals fed by the transducer and the pressure measuring unit.





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EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0441, (

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 344 548 (PETER WOLTERS AG) * claims 1-16; figure 1 * ---	1-3, 8	B24B37/04 B24B49/02
A	EP-A-0 375 921 (INTERNATIONAL BUSINESS MACHINES CORPORATION) * abstract; figure 1 * ---	1-3, 6, 7	
A	EP-A-0 034 659 (PETER WOLTERS, MASCHINENFABRIK) * abstract; claims 1-7; figures 1-4 * ---	1-5	
A	US-A-4 873 792 (THOMAS A. LINKE ET AL.) * column 3, line 19 - column 4, line 47; figure 2 * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B24B G05B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 18 JUNE 1992	Examiner CUNY J.
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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