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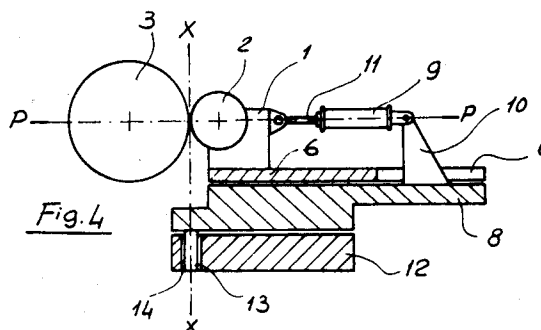
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FERRAILOLO S.r.l., Via Napo Torriani, 10
I-20124 Milano(IT)(54) **Improvements in a machine tool for surface grinding.**

(57) Improvements in a machine tool for treating the surface of a workpiece (3) using a grinding wheel (2), wherein the machine has a grinding wheel head (1) that is free to move in a radial direction with respect to the workpiece (3) due to the action of irregularities in the shape of the grinding wheel (2) or workpiece (3) and is attached above a guide plate (8). A device (9) keeps the grinding wheel head (1) pressed against the workpiece. Said guide plate (8) is pivoted onto a bench (12) that reciprocates along the workpiece (3) and can swing about a vertical axis (X-X) that passes through the central plane (M) of the grinding wheel (2) and the line (S) where the grinding wheel (2) makes contact with the workpiece (3) when the axis about which the grinding wheel and workpiece rotate are not parallel.

*Fig. 4*



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EUROPEAN SEARCH REPORT

Application Number

EP 91 10 6899

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	FR-A-2 045 293 (NAUCHNO-ISSLEDOVATELSKY I KON-STRUKTORSKOTEKHNOLOGICHESKY INSTITUT MEST-NOI PROMYSHLENNOSTI) * claim 1; page 5, lines 3-31; figure 1 * - - -	1,3,5	B 24 B 5/00 B 24 B 41/04
A	DE-A-3 726 055 (SCHLOEMANN-SIEMAG) * claims 1-4; figures 1,2 * - - -	1-3,6	
A	GB-A-1 150 104 (WALDRICH) * claims 1,3; figures 1,2,5 * - - -	1,3,6	
A	US-A-1 968 550 (BARNES) * claim 1; figures 1-7 * - - -	1	
A	DE-C-434 771 (RAYM) * complete document * - - -	1	
A	PATENT ABSTRACTS OF JAPAN vol. 11, no. 377 (M-649)(2824), 9 December 1987; & JP - A - 62148146 (DIESEL KIKI CO) 02.07.1987 - - - - -	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 24 B
Place of search		Date of completion of search	Examiner
Berlin		12 February 92	MARTIN, A.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
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