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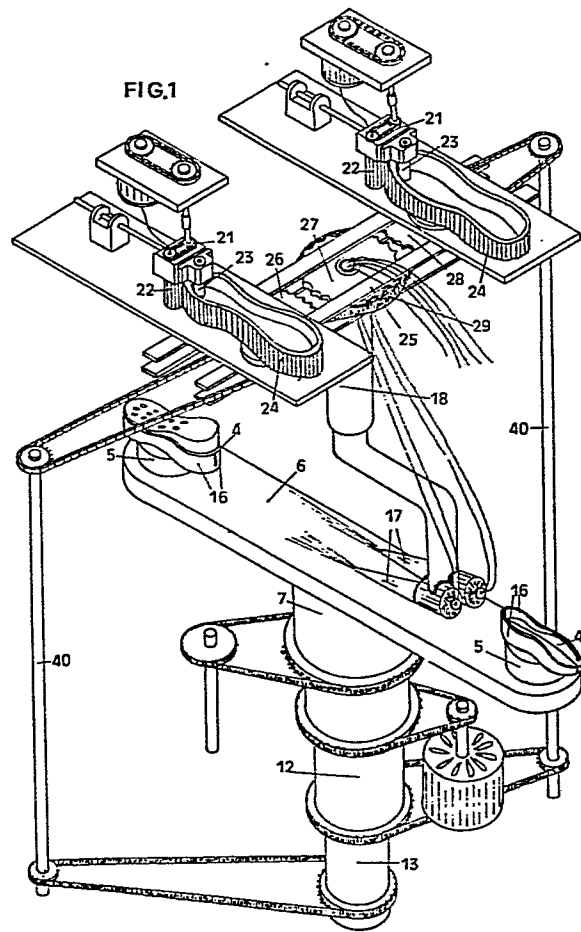
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(54) **Spraying machine for painting shoe bottoms.**

(57) Machine for spray-painting polyurethane shoe bottoms whereby, in order to achieve equidistant orthogonal spraying, the machine provides for synchronisation between rotation of the workpieces holder (4) and circular traverse of the spray guns (17).

A splined clutch (19, 20) engages one of 2 uniformly driven profiled followers (24), for either the left or right shoe, and transfers the resulting motion via chain drives (29, 40) to both the spray arm (18) and one of the workpieces. Such a workpiece is mounted on one of the tumtables (5), one of which is at each end of a transfer arm (6), thereby allowing one shoe to be sprayed within a booth (1) whilst the other is being mounted.





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EUROPEAN SEARCH REPORT

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EP 81 83 0182

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. ³)
A	US-A-2 368 829 (V.F. HARRINGTON) * Page 1, column 1, line 37 - column 2, line 26; page 2, column 1, line 11 - column 2, lines 52; figures 1,3,5 *	1-9	B 05 B 13/04 A 43 D 95/06
A	US-A-3 903 838 (A. BENNETT et al.) * Column 3, lines 11-65; column 5, lines 22-64; figures 1,3 *	1-9	
A	NL-A-7 901 909 (FERRO B.V.) * Page 3, lines 19-28; figure 2 *	2,5	
A	US-A-3 390 660 (C.H. McDERMOTT) * Column 2, line 56 - column 3, line 30; figures 6,7 *	1-9	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			B 05 B A 43 D B 24 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-07-1983	Examiner MOSEDALE T.W.
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			