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(54) **Method and device for feeding a cleaning solution with suspended abrasive substances, into work-piece finishing machine.**

(57) A method and a device for the feeding of a cleaning solution with suspended powdered abrasive substances, into work-piece finishing machines.

The finishing tank (11) of the machine is connected by a closed circuit with a recycling tank (19) which includes a stirring device (28) to keep a powdered abrasive substance suspended in a cleaning solution which is constantly fed into the finishing tank (11) by a pump (29). A second recycling circuit (40, 42) is used to remove the detergent from special containers (41) with a strong flow of liquid drawn from the recycling tank (19) which is then returned into the stirring area (28).

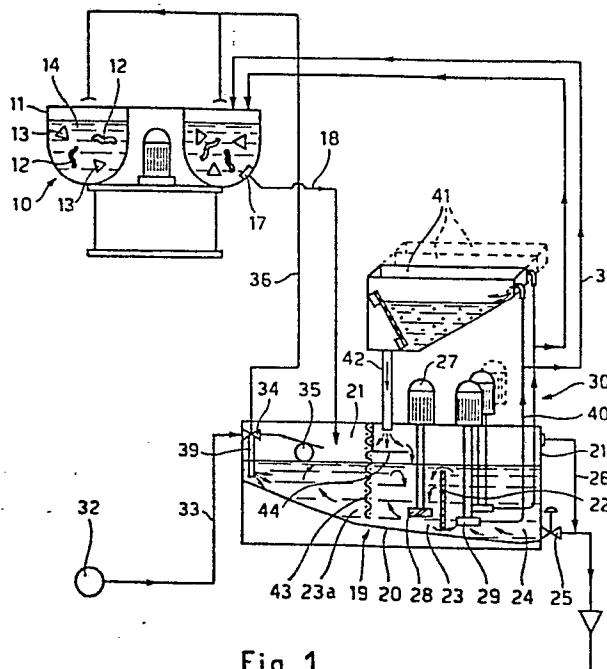


Fig. 1



European Patent
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EUROPEAN SEARCH REPORT

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EP 87 10 6288

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. 4)
Y	US-A-3 883 410 (INOUE) * Figures 1,7; column 6, lines 55-68; column 9, lines 43-63 * ---	1,8	B 24 B 31/12 B 24 B 57/02
Y	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 57 (M-363)[1780], 13th March 1985; & JP-A-59 192 458 (HITACHI PLANT KENSETSU K.K.) 31-10-1984 * Abstract; figure * ---	1,8	
A	DE-B-1 167 689 (VOIGTLÄNDER AG) ---		
A	DE-A-1 427 554 (AJEM LABORATORIES INC.) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 24 B
Place of search		Date of completion of the search	Examiner
THE HAGUE		27-06-1989	ESCHBACH D. P. M.
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			