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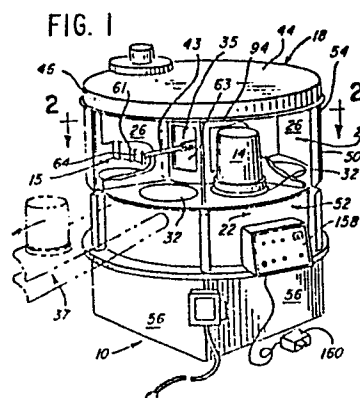
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54 **Curing apparatus with ejector mechanism.**

57 An apparatus for curing ink screen print on articles, particularly large articles (14) such as pails or barrels, includes a rotatable turntable (22) having a plurality of spin table (32) compartments each of which is to receive a pail and carry the same in a circular path past a radiation source (16) covered by a housing (18) at a curing station. Each article (14) is spun as it reaches the curing station to assure complete irradiation about the circumference of each article. The housing (18) is provided with a large opening (24) to facilitate loading of articles onto the spin tables and removal of articles with cured ink from the spin tables. A torque limiting device is provided for the turntable drive to prevent injury to a hand of the operator. An ejector mechanism (35) is mounted on the apparatus to automatically eject cured articles from the turntable to reduce the labour needed to operate the apparatus. The preferred ejector mechanism includes a fluid cylinder (41) having a pusher (43) mounted centrally of the turntable, and operable to extend into a compartment to push an article therefrom onto a take-away conveyor. Operation of the ejector mechanism disables the turntable drive mechanism.





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EUROPEAN SEARCH REPORT

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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)
X	FR-A-1 098 620 (GALLET) * Page 1, right-hand column, line 21 - page 3, left-hand column, line 4; figures * -----	1,12	B 41 F 23/00
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05-09-1986	Examiner LONCKE J.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	

