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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : B21D 22/00, 43/16, B21J 13/10		A1	(11) International Publication Number: WO 96/33825
			(43) International Publication Date: 31 October 1996 (31.10.96)
(21) International Application Number: PCT/US96/03888		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIP patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 22 March 1996 (22.03.96)			
(30) Priority Data: 08/428,880 25 April 1995 (25.04.95) US			
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ACT App. 25C
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(54) Title: IMPROVED ROTARY CUP INFEED

(57) Abstract

Apparatus for forming elongated metal cans (32) from relatively short cups (30) by utilizing a reciprocating ram (24) to drive the cups one at a time through a die pack (33a-33d), is provided with a continuously rotating feed (41) that transfers the cups from the exit of a gravity feed chute (26) to a receiving station (25) where each cup is indexed for engagement by the ram as it moves forward in its working stroke. The feeder rotates through one complete revolution for each forward-return cycle of the ram and during each revolution thereof a pocket (40b) in the feeder receives a cup from the chute, which cup then moves downstream through a guideway to a receiving station. A tensioner device (100) is used to keep the cup seated fully on the registry formation during the initial engagement of the cup by the ram while the latter moves forward in its working stroke.

