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### **EUROPEAN PATENT APPLICATION**

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(71) Applicant: Prittie, Allan R.
Islington Ontario M9A 3Z9 (CA)

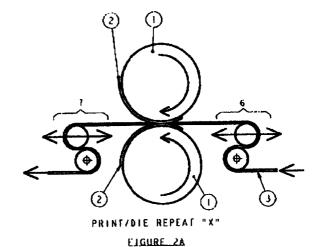
(72) Inventor: Prittie, Allan R. Islington Ontario M9A 3Z9 (CA)

(74) Representative:

Carter, Stephen John et al Mewburn Ellis York House 23 Kingsway London WC2B 6HP (GB)

#### (54) Injector for rotary web processing device with fixed diameter base

(57) A unique rotary die cutting system including an injector mechanism (6) that accurately positions a moving continuous web (3) in such manner as to permit the implementation of a set of constant diameter cylindrical bases (1) onto which are mounted by various means a pair of removable complementary steel sheet dies (2). The integrated action of the novel sub-sections of the invention permits significant improvements in economies of operation relative to exiting rotary converting technologies.



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# **EUROPEAN SEARCH REPORT**

**Application Number** EP 00 30 0907

Category	Citation of document with in	ndication, where appropriate,	Relevant	CLASSIFICATION OF THE
Category	of relevant pass	ages	to claim	APPLICATION (Int.CI.7)
A	US 3 667 352 A (HEL 6 June 1972 (1972-0 * column 2, line 12 * column 2, line 39 * column 4, line 45 * column 5, line 70 * column 6, line 72	1,7	B65H23/04 B65H20/24	
A	<pre>LTD. ) 15 February * page 1, left-hand right-hand column, * page 2, right-han</pre>	column, line 12 - line 67 *	1,7	
P,A	EP 0 915 049 A (SCA 12 May 1999 (1999-0 * column 11, line 4 figure 1 *	1,7		
A	US 4 236 955 A (PRITTIE ALLAN R) 2 December 1980 (1980-12-02) * the whole document *		1,7	TECHNICAL FIELDS SEARCHED (Int.CI.7)
D,A	US 5 762 254 A (CVE 9 June 1998 (1998-0 * the whole documen	6-09)	1,7	
	The present search report has t	peen drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	22 February 2001	Haa	ken, W
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anoth ment of the same category nological background	T : theory or principle E : earlier patent doc after the filing dat or D : document cited in L : document cited fo	ument, but publi e i the application r other reasons	ished on, or

#### **ANNEX TO THE EUROPEAN SEARCH REPORT** ON EUROPEAN PATENT APPLICATION NO.

EP 00 30 0907

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on

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22-02-2001

Patent docume cited in search re		Publication date	Patent family member(s)	Publication date
US 3667352	A	06-06-1972	CA 925527 A DE 2100630 A GB 1296027 A JP 52041516 B SE 358341 B	01-05-197 28-10-197 15-11-197 19-10-197 30-07-197
GB 1058883	Α		NONE	
EP 0915049	Α	12-05-1999	DE 19749593 A JP 11208951 A	20-05-199 03-08-199
US 4236955	Α	02-12-1980	CA 1069380 A DE 2748497 A GB 1567243 A	08-01-198 03-05-197 14-05-198
US 5762254	Α	09-06-1998	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82