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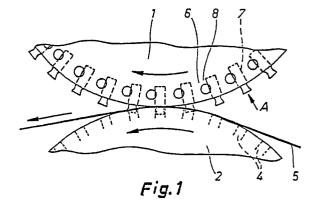
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- Fastening assembly for piercing pins in a paper blanks perforating unit.
- The invention relates to a fastening assembly for piercing pins in a paper blanks perforating unit, comprising at least two rotating discs, namely a padded disc (2) whose periphery is provided with a circumferential array of holes (4) and a piercing disc (1) whose periphery is fitted with a circumferential array of piercing pins (3) which, as the discs are rotating, find their way into the holes (4) of said padded disc for piercing a paper pass ing therebetween, said piercing pins (3) being embedded in radially directed holes (7) in the rim of said piercing disc (1) and retained therein by means of retaining members (6) which are transverse relative to said holes.



EP 0 269 050 A3



EUROPEAN SEARCH REPORT

87 11 7241 EP

Category	Citation of document with indic of relevant passag		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
P,X	US-A-4688459 (DIDDE GRAPH) * the whole document *	(CS SYSTEMS)	1, 4	B26F1/14
A	one who is document.		7, 9, 10	
A	US-A-1809823 (ALTVATER) * figures 2, 3 *		1, 4	
A	US-A-2364401 (STELLIN) * page 4, left hand column	1	1, 6, 9	
A	US-A-4604931 (HARRIS GRAPH * figures *	HICS)	1	
A	US-A-1833236 (HARDSOGG WON	IDER DRILL)		
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				B26F B26D B21D
	The present search report has been			
Place of search THE HAGUE		Date of completion of the search 16 OCTOBER 1990	Examiner RIS M.	
X : part Y : part	CATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category nological background written disclosure	E : earlier patent docu after the filing date D : document cited in L : document cited for	the application other reasons	invention ished on, or

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