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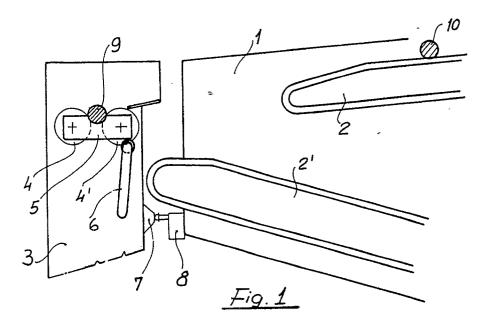
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- Apparatus for replacing fabric pieces in textile spreading machines.
- The spreading machines comprises two pairs of motor driven carriages mounted on vertical shoulders (1) and driven by timed reciprocating movements along paths converging toward a piece supporting member (3) of the spreading machine, the carriages bearing each a slide (2, 2') about the pheriphery of which a chain is slidably driven including means for restrain-

ing the mandrel (9, 10) of a fabric piece to be loaded or unloaded on/from the supporting member (3) of the spreading machine thereon the piece bearing mandrel can be restrained between roller pairs (4, 4') mounted on supporting plates (5) which are pivoted at one end thereof and supported, at the other end thereof, by articulated arm.





## EUROPEAN SEARCH REPORT

EP 90 83 0164

D	OCUMENTS CONSI	DERED TO BE F	RELEVANT	
ategory	Citation of document with	n indication, where appropriate, ant passages	Relevan to clain	
Α	FR-A-2 247 908 (WEIL ET * page 6; figure 6 *	WEIL)	1	B 65 H 45/103
Α	GB-A-2 077 787 (ROCKW	ELL-RIMOLDI SPA.)		
Α	US-A-4 728 089 (BARRET 	Γ) · <b>–</b> – –		
				TECHNICAL FIELDS
				SEARCHED (Int. CI.5)
				B 65 H
	The present search report has t	een drawn up for all claims		
Place of search D		Date of completion of	search	Examiner
	The Hague	27 February	91	DIAZ-MAROTO Y MAQUED
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O: P:	technological background non-written disclosure intermediate document theory or principle underlying the in	vention		same patent family, corresponding