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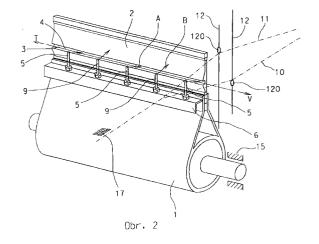
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- (54) A method of weft braking when picking the weft through a shed of a pneumatic weaving machine, device for carrying out the method and a braking jet
- (57) The invention relates to a method of weft (13) braking during the weft (13) picking through a shed on a pneumatic weaving machine in which the weft (13) being picked through a direct pick channel (3) of a reed (2) is exposed to a braking force (T) acting opposite the direction of the weft (13) motion. By braking force (T) acts upon at least a part of the length of the weft being picked weft (13) directly in the direct pick channel (3) and thus achieves both a reduction of the absolute value of the weft (13) deformations and a uniform distribution of the weft (13) deformations along the length of the weft (13).

The device for the weft (13) braking is comprising number of braking jets (9) having at least in the pick position of the reed (2) their ends fitted with pressure medium outlet apertures situated opposite the opening (30) of the direct pick channel (3) of the reed (2). The outlet apertures of the pressure medium of the braking jets (9) are in this position directed into the direct pick channel (3) opposite a wall of the direct pick channel (3), for instance opposite the bottom (4) of the direct pick channel (3), or at least partly opposite the direction of the weft (13) motion through the direct pick channel (3).





EUROPEAN SEARCH REPORT

Application Number EP 02 46 6001

		ERED TO BE RELEVANT		
Category	Citation of document with in of relevant passa	ndication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
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X	PATENT ABSTRACTS OF vol. 018, no. 040 (21 January 1994 (19 & JP 05 263336 A (1 LTD), 12 October 19 * abstract; figure	C-1155), 994-01-21) SHIKAWA SEISAKUSHO 93 (1993-10-12)	6-9	
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				TECHNICAL FIELDS SEARCHED (Int.Cl.7)
				D03D
	The present search report has t	peen drawn up for all claims		
<u> </u>	Place of search	Date of completion of the search		Examiner
	MUNICH	10 October 2003	B Lou	ter, P
X : parti Y : parti docu A : tech O : non-	TEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anoth ment of the same category nological background written disclosure mediate document	E : earlier patent of after the filing of th	iple underlying the in document, but publisl date d in the application d for other reasons	ned on, or

EPO FORM 1503 03.82 (P04C01)

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

EP 02 46 6001

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