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(54) **INSERTION SYSTEM OF THE WEFT THREADS IN A WEAVING LOOM**

(57) Weft thread insertion system into a projectile weaving loom, wherein the projectiles (1) are launched into the shed due to the mechanical action of a thrust member provided with alternate cyclic movement consisting of a rack (R) driven into motion by a plurality of

toothed wheels (D), each one controlled by a respective electric servomotor (M), arranged in succession along the rack (R) and meshed therewith.

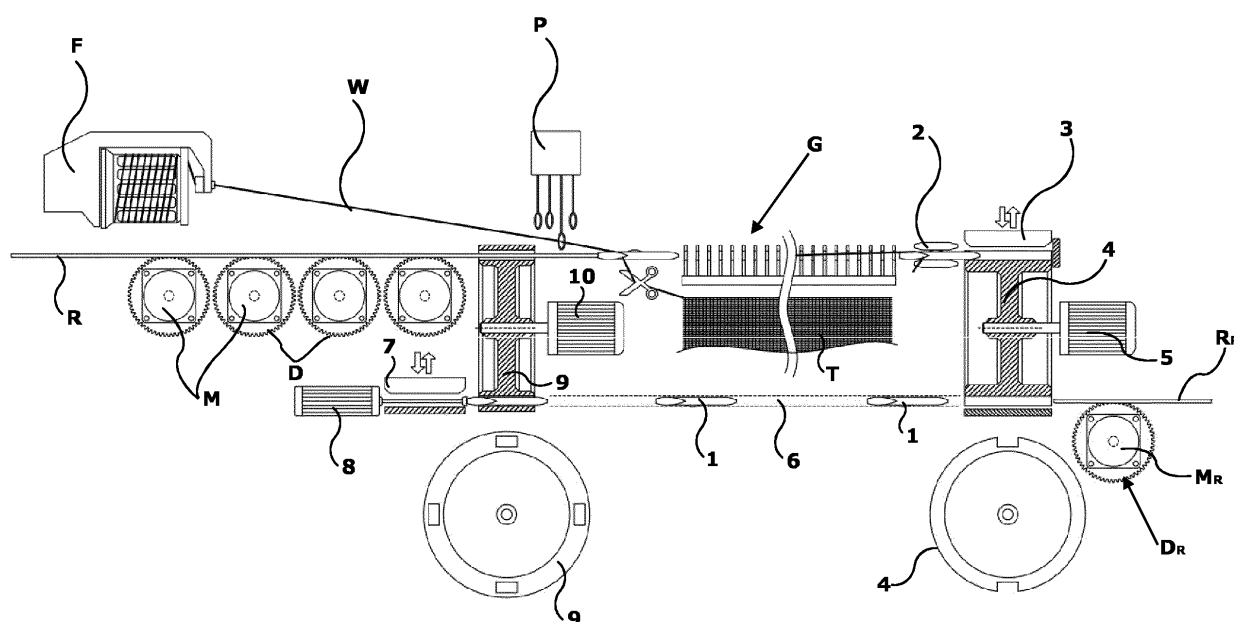


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 15 20 1580

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	EP 1 591 573 A1 (PROMATECH SPA [IT]) 2 November 2005 (2005-11-02) * abstract; figures 1-5 * * paragraphs [0025] - [0027] * -----	1-6	INV. D03D49/28
A	EP 1 749 913 A1 (MEC TRINCA COLONEL SILVIO & FI [IT]) 7 February 2007 (2007-02-07) * abstract; figures 1-9 * * paragraphs [0012] - [0025] * -----	1-6	
A	US 2 072 159 A (RAYMOND DEWAS) 2 March 1937 (1937-03-02) * page 2, right-hand column, line 50 - page 3, left-hand column, line 4 * * page 3, left-hand column, lines 24-31 * -----	1-9	
A	JP S48 44562 A (NOT LEGIBLE) 26 June 1973 (1973-06-26) * figures 1-8 * -----	6-9	
			TECHNICAL FIELDS SEARCHED (IPC)
			D03D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 October 2016	Examiner Louter, Petrus
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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