

Title (en)  
DEVICE FOR PRODUCING YARN WITH RANDOMLY ARRANGED AND/OR DESIGNED EFFECTS

Publication  
**EP 0299463 B1 19900404 (DE)**

Application  
**EP 88111239 A 19880713**

Priority  
DE 3723243 A 19870714

Abstract (en)  
1. Device for generating a yarn having randomly arranged and/or formed designs, comprising (a) cop means rotative about a rotational axis, for winding up the yarn on a winding body (16) and cop driving means (18) for driving the cop means about this rotational axis, (b) first threads guiding means (12) arranged on said rotational axis of the cop means for guiding ground threads (10), these ground threads being twisted by rotating the cop means for forming a yarn and wound up on said winding body (16), characterized in that (c) second thread guiding means (44) hold by holding means (30, 32) and arranged between the first thread guiding means (12) and the cop means and movable along the ground threads (10), said ground threads (10) being guided through said second thread guiding means (44), (d) means (24) for supplying a design yarn thread (20, 22), (e) means for guiding the design yarn thread through said second thread guiding means (44) for twisting with the ground thread (10) owing to rotation of the cop means, (f) driving means (34) for reciprocating the holding means (30, 32) substantially along the ground threads (10), and (g) control means (50) for controlling the driving means (34), the control means comprising random generator means, thereby the reciprocating movement of the holding means being effected randomly.

IPC 1-7  
**D02G 3/34**

IPC 8 full level  
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CPC (source: EP US)  
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