

Title (en)  
Device for producing special yarn

Title (de)  
Vorrichtung zur Herstellung eines Effektgarns

Title (fr)  
Dispositif pour produire un fil spécial

Publication  
**EP 1662027 A1 20060531 (EN)**

Application  
**EP 05022119 A 20051011**

Priority  
JP 2004347478 A 20041130

Abstract (en)  
A device for producing special yarn changes the speed of a front roller (17) in accordance with a plurality of pattern data sets which show the change in thickness of spun yarn to produce special yarn corresponding to the pattern data including at least information on a pitch between slubs. A CPU (24) controls a first servo-motor (18) so as to spin yarn obtained through execution of a one cycle repetitive pattern in accordance with an executable program for executing the one cycle repetitive pattern including the pattern data sets greater than the pattern data sets stored in a work memory (26) based on the pattern data sets stored in the work memory (26).

IPC 8 full level  
**D02G 3/34** (2006.01); **D01H 5/36** (2006.01)

CPC (source: EP)  
**D01H 1/22** (2013.01); **D01H 5/36** (2013.01); **D01H 13/32** (2013.01)

Citation (search report)

- [A] US 3748648 A 19730724 - PUGH C
- [A] GB 1246583 A 19710915 - ELECTRO MATIC CORP [US]
- [A] US 4160359 A 19790710 - FRENTRESS ZANE
- [DA] PATENT ABSTRACTS OF JAPAN vol. 011, no. 326 (C - 454) 23 October 1987 (1987-10-23)

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CN109735983A; WO2013041565A1

Designated contracting state (EPC)  
CH DE ES IT LI

DOCDB simple family (publication)  
**EP 1662027 A1 20060531**; **EP 1662027 B1 20070425**; CN 100443643 C 20081217; CN 1782150 A 20060607; DE 602005000983 D1 20070606; DE 602005000983 T2 20080117; ES 2285624 T3 20071116; JP 2006152505 A 20060615; JP 4433997 B2 20100317

DOCDB simple family (application)  
**EP 05022119 A 20051011**; CN 200510118570 A 20051031; DE 602005000983 T 20051011; ES 05022119 T 20051011; JP 2004347478 A 20041130