

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