

Title (en)

Method and device for production of a multi-component fancy yarn

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Mehrfachkomponenten Effektgarnes

Title (fr)

Procédé et dispositif pour produire un fil fantaisie à composants multiples

Publication

EP 1338687 A1 20030827 (EN)

Application

EP 03466001 A 20030212

Priority

- CZ 2002555 A 20020214
- CZ 2003148 A 20030117

Abstract (en)

The multi-component fancy rotor yarn (3) comprises a continuous component (31), in particular an elastic continuous component, and a component (32) spun in the rotor of a rotor spinning machine from singled-out fibres. The thickness of the multi-component fancy rotor yarn (3) as well as the mutual position of the continuous component (31) and the spun component (32), both considered in cross section of the multi-component yarn (3), vary along its length thus producing multi-component yarn (3) comprising thick and thin sections and other varying effects due to the variable position of the continuous component (31) and of the spun component (32) in the cross section of the multi-component yarn (3). The continuous component (31) can consist of two or more linear textile formations. The invention also relates to the method of and device for the production of such multi-component fancy rotor yarn. <IMAGE>

IPC 1-7

D02G 3/34; D01H 4/08

IPC 8 full level

D01H 4/00 (2006.01); **D02G 3/34** (2006.01)

CPC (source: EP)

D01H 4/00 (2013.01); **D02G 3/34** (2013.01)

Citation (search report)

- [A] US 4083173 A 19780411 - ARTZT PETER, et al
- [A] DE 4040133 A1 19910704 - ELITEX ZAVODY TEXTILNIHO [CS]
- [A] DE 2617563 A1 19770811 - NUOVA SAN GIORGIO SPA
- [A] US 4698962 A 19871013 - ARTZT PETER [DE], et al
- [XA] PATENT ABSTRACTS OF JAPAN vol. 011, no. 075 (C - 408) 6 March 1987 (1987-03-06)

Cited by

EP1512651A3

Designated contracting state (EPC)

DE ES IT

DOCDB simple family (publication)

EP 1338687 A1 20030827; EP 1338687 B1 20061220; CN 1438368 A 20030827; DE 60310463 D1 20070201

DOCDB simple family (application)

EP 03466001 A 20030212; CN 03107567 A 20030214; DE 60310463 T 20030212