

Title (en)
METHOD FOR OBTAINING VISCOSE FILAMENT RAYON WITH CYCLICALLY VARYING LINEAR DENSITY CALLED "FLAME" RAYON, AN INSTALLATION FOR THE REALIZATION OF THIS METHOD, AND A PRODUCT, OBTAINED USING THIS METHOD AND THIS INSTALLATION

Title (de)
VERFAHREN ZUR HERSTELLUNG VON VISKOSEFILAMENTRAYON MIT ZYKLISCH WECHSELNDER LINEARER DICHTEN GENANNT »FLAME«, ANLAGE ZUR DURCHFÜHRUNG DIESES VERFAHRENS UND UNTER VERWENDUNG DIESES VERFAHRENS UND DIESER ANLAGE HERGESTELLTES PRODUKT

Title (fr)
PROCÉDÉ PERMETTANT D'OBTENIR DE LA RAYONNE À FILAMENTS DE VISCOSE PRÉSENTANT UNE MASSE LINÉIQUE VARIANT DE MANIÈRE CYCLIQUE APPELÉE RAYONNE « FLAMME », INSTALLATION POUR LA MISE EN ŒUVRE DE CE PROCÉDÉ ET PRODUIT OBTENU À L'AIDE DE CE PROCÉDÉ ET DE CETTE INSTALLATION

Publication
EP 3645770 A1 20200506 (EN)

Application
EP 18746561 A 20180626

Priority
• BG 11253417 A 20170627
• BG 2018000029 W 20180626

Abstract (en)
[origin: WO2019000057A1] Innovation suggests methods and installations for productions of viscose filament rayon with cyclically varying linear density. According to the method of the invention, constantly synchronized viscose solution supplying and spinning devices actuation is interrupted, as first (27) and second (28) spinning devices and arranging freshly spun yarn in centrifuge system 39-5 are actuated by the use of existing power feeding installation (40-4), motors 40-1 and 40-2 and reduction gear groups 39-1 and 39-2 named as the first power feeding and actuating installation. According to the method of the invention new power feeding 40-7 and actuating 40-3 installation is added to the same spinning machine named second power feeding and actuating installation which work runs under unit 42 control. According to the invention power shaft 21 actuation do not depends on other spinning devices actuation anymore and quantity of viscose dozed to the spinning could be changed independently of other devices work. When to the spinning machine one or two individual installations for dyeing are joined suggested method allows production of dyed in one or two colours filament rayon with cyclically varying linear density.

IPC 8 full level
D01D 1/09 (2006.01); **D01D 5/20** (2006.01); **D01F 2/06** (2006.01)

CPC (source: EP US)
D01D 1/09 (2013.01 - EP US); **D01D 5/20** (2013.01 - EP US); **D01D 13/00** (2013.01 - US); **D01F 2/06** (2013.01 - EP); **D01F 2/16** (2013.01 - US)

Citation (search report)
See references of WO 2019000057A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019000057 A1 20190103; BG 112534 A 20181231; BG 67252 B1 20210215; EP 3645770 A1 20200506; US 2020173058 A1 20200604

DOCDB simple family (application)
BG 2018000029 W 20180626; BG 11253417 A 20170627; EP 18746561 A 20180626; US 201816623764 A 20180626