

Title (en)
DEVICE AND METHOD FOR PRODUCING A MULTICOLORED YARN

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINES MEHRFARBIGEN GARNES

Title (fr)
DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UN FIL MULTICOLORÉ

Publication
EP 3568510 B1 20230426 (DE)

Application
EP 18700410 A 20180111

Priority
• DE 102017100487 A 20170112
• EP 2018050641 W 20180111

Abstract (en)
[origin: WO2018130608A1] The invention relates to a device and a method for producing a multicolor yarn from different color filaments which consist of a plurality of continuous filaments. At least two filaments (F1 - Fn) are guided into a stretching device (1) where they are guided from a pair of run-in rollers (3.1, 3.2) to at least two pairs of stretching rollers (5.1, 5.2; 6.1, 6.2) and are stretched by same, a texturing device (8) with a cooling drum (9) being arranged downstream of the stretching rollers. The invention is characterized in that at least one nozzle (4.7) is arranged upstream of the texturing device (8), wherein each filament (F1... Fn) is knotted separately in the nozzle, and at least one yarn (G1, G2) is formed from the filaments (F1... Fn) in the texturing nozzle (8).

IPC 8 full level
D02G 1/16 (2006.01); **D02G 1/20** (2006.01); **D02J 1/08** (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)
D02G 1/168 (2013.01 - EP US); **D02G 1/20** (2013.01 - EP US); **D02J 1/08** (2013.01 - EP US); **D02J 1/22** (2013.01 - EP);
D02J 1/224 (2013.01 - EP US); **D02J 13/005** (2013.01 - EP US)

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

DOCDB simple family (publication)
DE 102017100487 A1 20180712; CN 110177906 A 20190827; CN 110177906 B 20220201; EP 3568510 A1 20191120;
EP 3568510 B1 20230426; ES 2945664 T3 20230705; US 11479884 B2 20221025; US 2019360129 A1 20191128; WO 2018130608 A1 20180719

DOCDB simple family (application)
DE 102017100487 A 20170112; CN 201880006684 A 20180111; EP 18700410 A 20180111; EP 2018050641 W 20180111;
ES 18700410 T 20180111; US 201816477462 A 20180111