

Title (en)

Process and apparatus for the preparation of non-twisted yarn, from at least two filament bundles having a constant relative disposition to each other

Title (de)

Verfahren und Vorrichtung zur Herstellung von ungezwirntem Garn aus mindestens zwei relativ zueinander konstant angeordneten Fibrillenbündeln

Title (fr)

Procédé et dispositif pour la fabrication d'un fil non-retordu, composé d'au moins deux faisceaux de filaments ayant une disposition relative l'un par rapport à l'autre, constante

Publication

EP 0434601 B1 19980708 (DE)

Application

EP 90810817 A 19901024

Priority

CH 453189 A 19891218

Abstract (en)

[origin: EP0434601A1] The invention is concerned with the production of non-twisted yarns from at least two fibril bundles. It provides intermediate process steps which are inserted between the main stages of the conventional production process for such yarns (spinning, drawing, texturing), in such a way that the mutual position of the individual fibril bundles, which is determined by the arrangement of the spinnerets, can be maintained throughout the entire process. A non-positively acting false-twist device for each individual fibril bundle, the intensity of which can be varied, makes it possible, furthermore, to vary in a reproducible manner the intermingling of the fibrils of the individual fibril bundles in their contact zones. <IMAGE>

IPC 1-7

D01D 10/04; **D01D 13/00**

IPC 8 full level

D01D 5/096 (2006.01); **D01D 10/00** (2006.01); **D01D 10/04** (2006.01); **D01D 11/02** (2006.01); **D01D 13/00** (2006.01); **D02G 1/02** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP)

D01D 10/04 (2013.01); **D01D 13/00** (2013.01)

Cited by

US6076345A; CN103154334A; DE10302079B4; EP0906975A1; US6079086A; EP1449945A3; US5393219A; EP0563785A1; AU662610B2; USRE35108E; CN103866414A; US6253430B1; US6192667B1; EP0784109A2; US6442923B1; WO2012052203A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0434601 A1 19910626; **EP 0434601 B1 19980708**; CH 681373 A5 19930315; DE 59010834 D1 19980813; JP 2975096 B2 19991110; JP H03193907 A 19910823

DOCDB simple family (application)

EP 90810817 A 19901024; CH 453189 A 19891218; DE 59010834 T 19901024; JP 32334190 A 19901128