

Title (en)
Drafting device for spinning machinery

Title (de)
Streckvorrichtung für Spinnmaschine

Title (fr)
Dispositif d'étirage pour machine de filature

Publication
EP 2405039 B1 20161130 (EN)

Application
EP 10007018 A 20100707

Priority
EP 10007018 A 20100707

Abstract (en)
[origin: EP2405039A1] Drafting device (10) for use in spinning machinery and for drafting discontinuous fibers, such as cotton, linen, wool, jute, ramie, hemp or man-made fibers, with a pair of feed rollers (2), a pair of draft rollers (3), a pair of control rollers (4) and a pair of delivery rollers (5), being arranged in this order in a rove feed direction (F) defining a drafting zone (D) composed of three sub-drafting zones (A, B, C), whereby the rollers (2, 3, 4) are driven at a respective predetermined speed in such a manner that a drafting action is exerted on the rove (1), wherein said control rollers (4) are both provided with an active drive mechanism and said control rollers (4) are mounted in a fixed but contact-free manner with a defined control gap (6) between them of a predetermined dimension.

IPC 8 full level
D01H 5/22 (2006.01); **D01H 5/44** (2006.01); **D01H 5/56** (2006.01)

CPC (source: EP)
D01H 5/22 (2013.01); **D01H 5/44** (2013.01); **D01H 5/56** (2013.01)

Citation (examination)

- SU 370291 A2 19730215
- US 2252546 A 19410812 - BLAKE EDMUND E
- GB 219332 A 19241218 - MELCHIOR WILD

Cited by
EP2865795A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2405039 A1 20120111; **EP 2405039 B1 20161130**; BR 112013000329 A2 20170725; CN 102971455 A 20130313; CN 102971455 B 20170215; WO 2012003972 A1 20120112

DOCDB simple family (application)
EP 10007018 A 20100707; BR 112013000329 A 20110706; CN 201180033174 A 20110706; EP 2011003350 W 20110706