

Title (en)

Feeding system for a core yarn ring spinning machine, core yarn ring spinning machine comprising said system and procedure of spinning core yarn by means of said machine

Title (de)

Zufuhrsystem für eine Core-Garn Ringspinnmaschine, Core-Garn Ringspinnmaschine mit diesem System und Verfahren zur Herstellung von Core-Garn mit dieser Maschine

Title (fr)

Système d'alimentation pour un métier à filer à anneaux, métier à filer à anneaux comprenant un tel système et une procédure de filature d'un fil à âme au moyen de ladite machine

Publication

**EP 3026160 A1 20160601 (EN)**

Application

**EP 14382483 A 20141128**

Priority

EP 14382483 A 20141128

Abstract (en)

Feeding system (1) for a core spun yarn (3a, 3b) ring-spinning machine (2) comprising first means (11) configured to feed a first continuous filament (9) of elastane from a primary bobbin (10) arranged for "déroulé" unwinding and second means configured to feed a second continuous filament (4) other than elastane from secondary bobbins (7) arranged for "déroulé" unwinding. Said second means comprises a first device (8) for actuating the movement of a first secondary bobbin (7) and for feeding a filament (4b) to a first spinning position (30), and a second device (26) for actuating the movement of a second secondary bobbin (7) and feeding a filament (4b) to a second spinning position (31) adjacent to the first. Said second means further comprises an accessory tool (15) configured to drive the simultaneous dragging of two different continuous filaments (4a) when the first or second secondary bobbin (7) is not present, these different filaments (4a) coming from third bobbins (5) located on a creel (6) of the frame (16) of the spinning machine (2), said accessory tool (15) making it possible to feed said two filaments (4a) to said two adjacent spinning positions (30, 31) with only one of the devices (8), so that the other device (26) is left free to optionally actuate the unwinding of a third continuous filament (29).

IPC 8 full level

**D02G 3/32** (2006.01)

CPC (source: EP)

**D02G 3/324** (2013.01)

Citation (applicant)

- DIRECTIVE 2006/3/CE, OJ L, vol. 5, 10 January 2006 (2006-01-10), pages 14
- DIRECTIVE 2006/3 / EC, OJ L5, 10 January 2006 (2006-01-10), pages 14

Citation (search report)

- [A] CN 103741303 A 20140423 - ZHEJIANG QINGMAO WEAVING DYEING & PRINTING CO LTD
- [A] WO 2012062480 A2 20120518 - SANKO TEKSTIL ISLETMELERI SAN VE TIC AS [TR], et al
- [A] US 2006179810 A1 20060817 - LIAO TIANYI [US]
- [A] WO 2009141469 A1 20091126 - PINTER SA [ES], et al
- [X] DIETRICH JULIA: "INVISTAs dualFX®", 13 November 2014 (2014-11-13), XP002740107, Retrieved from the Internet <URL:http://megafoxes.de/invistas-dualfx/> [retrieved on 20150526]
- [X] MAAS MECHTHILD: "Pinter: new dual core yarns for denim fabrics", 20 November 2014 (2014-11-20), XP002740108, Retrieved from the Internet <URL:http://textinations.com/frontend/extranet/view\_news.php?id=1141647931192461> [retrieved on 20150527]
- [X] RIVERS JACQUI, TORRENT JOSEP: "PINTER CAIPO demonstrates new yarn spinning machine featuring INVISTA's dualFX® technology by LYCRA® brand at Denim by Première Vision", 10 November 2014 (2014-11-10), XP002740106, Retrieved from the Internet <URL:http://www.invista.com/en/news/pr-pinter-caipo-demonstrates-new-yarn-spinning-machine-featuring-invistas-dualfx.html> [retrieved on 20150527]
- [X] "Denim by Première Vision attains its goals and brings the denim community together in Barcelona", 1 October 2014 (2014-10-01), Gangs of Denim Nov. 19/20 2014, pages 7PP, XP002740109, Retrieved from the Internet <URL:http://denimpremierevision.com/doc/DBA42\_Denim%20by%20PV\_EN.pdf> [retrieved on 20150527]

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

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