

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

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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

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CPC (source: EP)

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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)

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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)

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