

Title (en)

DEVICE AND METHOD FOR MAKING OF A STRETCH YARN

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES STRETCHGARNES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FABRICATION D'UN FIL EXTENSIBLE

Publication

EP 3350364 A2 20180725 (EN)

Application

EP 16765997 A 20160915

Priority

- CH 13582015 A 20150918
- CH 1602016 A 20160208
- EP 2016071784 W 20160915

Abstract (en)

[origin: WO2017046218A2] The invention is directed to a ring spinning device (1) for making of a stretch yarn (28), comprising a drafting arrangement (2). The drafting arrangement (2) comprises a pair of entry rollers (3, 4), a pair of delivery rollers (6, 7) arranged downstream with respect to the entry rollers (3, 4), and a pair of intermediate rollers (11, 12) arranged between the entry rollers (3, 4) and the delivery rollers (6, 7). The ring spinning device further comprises a first supply (29) to supply a first roving (15) between the pair of entry rollers (3, 4), a second supply (30) to supply a second roving (14) between the intermediate rollers (11, 12) and a third supply (31) to supply an elastic performance filament (16) between the delivery rollers (6, 7). The first roving (15) and the second roving (14) and the elastic performance filament (16) are spun into the stretch yarn (28) in a spinning triangle (29) after exit of the drafting arrangement (2).

IPC 8 full level

D02G 3/32 (2006.01); **D02G 3/34** (2006.01)

CPC (source: EP)

D02G 3/32 (2013.01); **D02G 3/34** (2013.01)

Citation (search report)

See references of WO 2017046218A2

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

DOCDB simple family (publication)

WO 2017046218 A2 20170323; **WO 2017046218 A3 20170427**; CN 107923075 A 20180417; EP 3350364 A2 20180725

DOCDB simple family (application)

EP 2016071784 W 20160915; CN 201680045841 A 20160915; EP 16765997 A 20160915