Title (en)

METHOD FOR PRODUCING YARN USING A RING SPINNING FRAME, AND RING SPINNING FRAME

Title (de)

VERFAHREN ZUR HERSTELLUNG VON GARN MIT EINER RINGSPINNMASCHINE UND RINGSPINNMASCHINE

Title (fr)

PROCÉDÉ DE FABRICATION DE FIL AU MOYEN D'UN CONTINU À FILER À ANNEAUX ET CONTINU À FILER À ANNEAUX

Publication

EP 3935208 A1 20220112 (DE)

Application

EP 20712047 A 20200305

Priority

- CH 2752019 A 20190307
- IB 2020051912 W 20200305

Abstract (en)

[origin: WO2020178779A1] The invention relates to a method for producing yarn at a spinning station of a ring spinning frame, in which a roving (3) is fed to a drawing frame (1) and, on passing through, is drawn and guided via a thread guide (8), the roving (3) is guided through a circulating traveller (5), the traveller (5) being situated on a ring (6), and the roving (3) undergoes rotation to produce a yarn (12), and the yarn (12) is wound onto a sleeve (2) which is placed on a rotating spindle. The ring (6) is situated on a stationary ring rail, and the spindle is situated on a moving spindle rail. A spiral path of the roving (3) with at least two balloons (B) is produced between the thread guide (8) and the traveller (5). The thread guide (8) is moved such that the same number of balloons (B) is always produced over the distance (LB) between the thread guide (8) and the traveller (5) during the spinning process.

IPC 8 full level

D01H 1/02 (2006.01); **D01H 1/42** (2006.01)

CPC (source: CH EP)

D01H 1/02 (2013.01 - CH EP); **D01H 1/422** (2013.01 - EP)

Citation (search report)

See references of WO 2020178779A1

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 2020178779 A1 20200910; CH 715908 A1 20200915; CN 113490774 A 20211008; CN 113490774 B 20230718; EP 3935208 A1 20220112

DOCDB simple family (application)

IB 2020051912 W 20200305; CH 2752019 A 20190307; CN 202080019093 A 20200305; EP 20712047 A 20200305