

Title (en)
SPINNING PROCESS FOR THE PRODUCTION OF A YARN

Title (de)
SPINNVERFAHREN ZUR HERSTELLUNG EINES GARNES

Title (fr)
PROCÉDÉ DE FILATURE POUR LA PRODUCTION D'UN FIL

Publication
EP 3701070 B1 20230823 (DE)

Application
EP 18779336 A 20180925

Priority
• DE 102017124659 A 20171023
• EP 2018075968 W 20180925

Abstract (en)
[origin: CA3074642A1] The invention relates to a method for producing a yarn (3) formed by spinning together at least two individual threads (2a-2c), comprising the following steps of: - providing at least two individual threads (2a-2c) to be spun together to form the yarn (3) to be produced, - feeding the at least two provided threads (2a-2c) to a spinning device (6), comprising at least one spindle or bobbin element (10), via a guide device (5) comprising a plurality of, in particular cylinder-like or cylindrical, guide elements (5a-5e), - spinning together the fed threads (2a, 2b) in the spinning device (6), forming the yarn (3) to be produced, wherein the at least two threads (2a, 2b) are fed to the spinning device (6) via at least two separate, in particular cylinder-like or cylindrical, guide elements (5d, 5e) that are arranged in a manner spatially separated from one another in at least one spatial direction.

IPC 8 full level
D01H 13/04 (2006.01); **D02G 3/28** (2006.01)

CPC (source: EP KR RU US)
D01H 5/72 (2013.01 - US); **D01H 13/00** (2013.01 - RU); **D01H 13/04** (2013.01 - EP KR RU US); **D02G 3/281** (2013.01 - EP KR); **B65H 2701/31** (2013.01 - US); **D01H 1/02** (2013.01 - US); **D02G 3/04** (2013.01 - US); **D02G 3/281** (2013.01 - US); **D10B 2211/02** (2013.01 - US); **D10B 2331/04** (2013.01 - US)

Citation (examination)
US 3851698 A 19741203 - LEACH R, et al

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

DOCDB simple family (publication)
DE 102017124659 B3 20190207; AU 2018356200 A1 20200116; AU 2018356200 B2 20220203; BR 112020000237 A2 20200707; CA 3074642 A1 20190502; CA 3074642 C 20230801; CL 2020000008 A1 20200724; CN 111032935 A 20200417; CN 111032935 B 20221011; DK 3701070 T3 20231106; EP 3701070 A1 20200902; EP 3701070 B1 20230823; ES 2963158 T3 20240325; JP 2020532659 A 20201112; JP 2022071040 A 20220513; JP 7074841 B2 20220524; JP 7425815 B2 20240131; KR 102286454 B1 20210805; KR 20200040698 A 20200420; LT 3701070 T 20231127; MX 2020000210 A 20200722; NZ 760028 A 20220225; PL 3701070 T3 20240219; PT 3701070 T 20231117; RU 2019143368 A 20210624; RU 2019143368 A3 20210624; RU 2750553 C2 20210629; US 2020173061 A1 20200604; WO 2019081144 A1 20190502; ZA 201908405 B 20231025

DOCDB simple family (application)
DE 102017124659 A 20171023; AU 2018356200 A 20180925; BR 112020000237 A 20180925; CA 3074642 A 20180925; CL 2020000008 A 20200102; CN 201880052326 A 20180925; DK 18779336 T 20180925; EP 18779336 A 20180925; EP 2018075968 W 20180925; ES 18779336 T 20180925; JP 2020509488 A 20180925; JP 2022028002 A 20220225; KR 20197038032 A 20180925; LT EP2018075968 T 20180925; MX 2020000210 A 20180925; NZ 76002818 A 20180925; PL 18779336 T 20180925; PT 18779336 T 20180925; RU 2019143368 A 20180925; US 201816629542 A 20180925; ZA 201908405 A 20191217