

Title (en)

AIR SPINNING METHOD FOR THE PRODUCTION OF LARGE YARNS WITH COUNT LOWER THAN NE20 AND RELATIVE YARN

Title (de)

LUFTSPINNVERFAHREN ZUR HERSTELLUNG VON GROSSGARNEN MIT TITER NIEDRIGER ALS NE20 UND GARN

Title (fr)

PROCÉDÉ DE FILAGE À L'AIR POUR LA PRODUCTION DE GRANDS FILS AVEC UN TITRE INFÉRIEUR À NE20 ET FIL ASSOCIÉ

Publication

**EP 3663444 A1 20200610 (EN)**

Application

**EP 19212913 A 20191202**

Priority

IT 201800010751 A 20181203

Abstract (en)

An air spinning method comprising the steps of:- preparing at least one web of textile fibers (N1), to be fed by at least one introducer element (24) upstream of an air spinning device (28),- drawing said at least one web (N1) with at least one drawing device (32),- feeding said web (N1), previously drawn, in a spinning chamber (36) of the air spinning device (28),- spinning the fibers (12) inside the spinning chamber (36) by means of compressed air jets, so as to:- obtaining a yarn (4) comprising internal fibers (20) surrounded by external fibers (16),- wherein the yarn (4) has an overall thread count lower than Ne20 and wherein the total number of internal (20) and external (16) fibers is less than 200.

IPC 8 full level

**D01H 1/11** (2006.01); **D02G 3/00** (2006.01)

CPC (source: CN EP US)

**D01H 1/11** (2013.01 - EP); **D01H 1/115** (2013.01 - US); **D01H 4/02** (2013.01 - CN US); **D02G 3/00** (2013.01 - EP); **D02G 3/22** (2013.01 - US); **D02G 3/36** (2013.01 - US); **D02G 3/38** (2013.01 - US); **D02G 1/168** (2013.01 - US)

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)

BA ME

DOCDB simple family (publication)

**EP 3663444 A1 20200610**; CN 111254528 A 20200609; CN 111254528 B 20230711; IT 201800010751 A1 20200603; US 2020173062 A1 20200604

DOCDB simple family (application)

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