

Title (en)
SPINNING UNIT AND SPINNING MACHINE

Title (de)
SPINNEINHEIT UND SPINNMASCHINE

Title (fr)
UNITÉ DE FILAGE ET MÉTIER À FILER

Publication
EP 3321399 B1 20190619 (EN)

Application
EP 17198583 A 20171026

Priority
JP 2016221752 A 20161114

Abstract (en)
[origin: EP3321399A1] A spinning unit (2) includes a draft device (6) and a pneumatic spinning device (7) adapted to supply a yarn (Y), a yarn accumulating roller (54) adapted to accumulate the supplied yarn (Y), and a front cover (60) arranged on a front side than the yarn accumulating roller (54) and formed with an opening (61) for exposing the yarn accumulating roller (54) to the front side. The front cover (60) includes a main body part (62), and a first edge member (63) and a second edge member (64) that form an edge of the opening (61). The first edge member (63) and the second edge member (64) have hardness higher than hardness of the main body part, a fusion point higher than a fusion point of the main body part, and a surface roughness smaller than a surface roughness of the main body part.

IPC 8 full level
D01H 1/16 (2006.01); **D01H 13/10** (2006.01)

CPC (source: CN EP)
D01H 1/16 (2013.01 - EP); **D01H 13/00** (2013.01 - CN); **D01H 13/10** (2013.01 - EP)

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)
EP 3321399 A1 20180516; EP 3321399 B1 20190619; CN 108070930 A 20180525; CN 108070930 B 20210824; JP 2018080406 A 20180524

DOCDB simple family (application)
EP 17198583 A 20171026; CN 201711117777 A 20171113; JP 2016221752 A 20161114