

Title (en)
SPINNING MACHINE

Title (de)
SPINNMASCHINE

Title (fr)
METIER A FILER

Publication
EP 3153614 B1 20190227 (EN)

Application
EP 16191386 A 20160929

Priority
JP 2015201046 A 20151009

Abstract (en)
[origin: EP3153614A1] A spinning machine includes a yarn forming unit configured to form yarn from a spun material, a winding device configured to wind yarn formed by the yarn forming unit, a tension detecting unit configured to detect the tension of yarn in an upstream side from the winding device in a direction in which the yarn travels, and a control unit configured to control the yarn forming unit based on a result of detection by the tension detecting unit such that the yarn is wound onto the winding device with adjustment of the tension added to the spun material in the yarn forming unit. The control unit adjusts the tension by controlling a device of the yarn forming unit disposed at least in an upstream side or in a downstream side from a position at which the spun material is twisted in the direction in which the yarn travel.

IPC 8 full level
D01H 13/10 (2006.01); **D01H 13/16** (2006.01); **D01H 13/20** (2006.01)

CPC (source: CN EP)
D01H 4/02 (2013.01 - CN); **D01H 13/10** (2013.01 - EP); **D01H 13/108** (2013.01 - CN); **D01H 13/16** (2013.01 - EP); **D01H 13/20** (2013.01 - EP); **D02G 3/367** (2013.01 - EP); **D01H 1/115** (2013.01 - EP)

Cited by
US2022403562A1; WO2021170243A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3153614 A1 20170412; **EP 3153614 B1 20190227**; CN 106567170 A 20170419; CN 106567170 B 20210223; EP 3269851 A1 20180117; EP 3269851 B1 20190306; JP 2017071882 A 20170413

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