

Title (en)

DRAFT DEVICE OF SPINNING MACHINE, AND CONTROL METHOD THEREFOR

Title (de)

STRECKVORRICHTUNG EINER SPINNMASCHINE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'ÉTIRAGE DE MÉTIER À FILER, ET SON PROCÉDÉ DE COMMANDE

Publication

EP 3128054 B1 20190807 (EN)

Application

EP 15773751 A 20150305

Priority

- JP 2014076820 A 20140403
- JP 2015056554 W 20150305

Abstract (en)

[origin: EP3128054A1] A draft device (10) of a spinning machine comprises a plurality of apron pairs (12, 13) provided so as to correspond respectively to a plurality of fiber feeders, a front roller (11) that is common to the apron pairs (12, 13), and a speed change controller (44) configured so as to change the speed of the apron pairs (12, 13) according to preset conditions. The speed change controller (44) is configured such that, when any one of the plurality of fiber feeders initiates fiber feeding, the controller outputs a drive command to the apron pair (12, 13) corresponding to the fiber feeder that initiates fiber feeding, and causes the apron pair (12, 13) to drive at a lower speed than during steady spinning for a predetermined duration and subsequently shift to a steady spinning speed.

IPC 8 full level

D01H 5/36 (2006.01); **D02G 3/34** (2006.01)

CPC (source: EP)

D01H 5/36 (2013.01); **D01H 13/04** (2013.01); **D02G 3/34** (2013.01)

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 3128054 A1 20170208; EP 3128054 A4 20170628; EP 3128054 B1 20190807; CN 106133220 A 20161116; CN 106133220 B 20180126; ES 2749872 T3 20200324; JP 2015196931 A 20151109; JP 5874775 B2 20160302; WO 2015151715 A1 20151008

DOCDB simple family (application)

EP 15773751 A 20150305; CN 201580016832 A 20150305; ES 15773751 T 20150305; JP 2014076820 A 20140403; JP 2015056554 W 20150305