

Title (en)  
DRAFTING DEVICE AND SPINNING UNIT

Title (de)  
STRECKVORRICHTUNG UND SPINNEINHEIT

Title (fr)  
DISPOSITIF DE TIRAGE ET MÉTIER À FILER

Publication  
**EP 3699337 A1 20200826 (EN)**

Application  
**EP 20169592 A 20190125**

Priority  
• JP 2018034368 A 20180228  
• EP 19153808 A 20190125

Abstract (en)  
A drafting device (6) includes a back roller pair (14), a third roller pair (15), a middle roller pair (16), and a front roller pair (17) that draft a fiber bundle (F). The drafting device (6) also includes a stepping motor that rotationally drives a back bottom roller (14a) of the back roller pair (14), a main control device (5a) that receives setting of a drafting condition about the fiber bundle (F), and a unit control device (10) that controls an operation of the stepping motor. The unit control device (10) adjusts the operation of the stepping motor such that the drafting performed by the roller pairs (14, 15, 16, 17) is within a range that satisfies the drafting condition received by the main control device (5a).

IPC 8 full level  
**D01H 5/26** (2006.01); **D01H 5/32** (2006.01)

CPC (source: CN EP)  
**D01H 5/22** (2013.01 - CN); **D01H 5/32** (2013.01 - CN EP); **D01H 5/44** (2013.01 - CN)

Citation (applicant)  
JP 2016094682 A 20160526 - MURATA MACHINERY LTD

Citation (search report)  
• [XA] JP 2009243006 A 20091022 - MURATA MACHINERY LTD  
• [A] EP 1757719 A2 20070228 - SAURER GMBH & CO KG [DE]  
• [A] CN 2729104 Y 20050928 - SHANGHAI RISHU COTTON MFG FACT [CN]  
• [A] CN 103741280 A 20140423 - MA JIANHUI, 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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 19153808 A 20190125**; CN 201910086194 A 20190129; EP 20169586 A 20190125; EP 20169588 A 20190125; EP 20169592 A 20190125; JP 2018034368 A 20180228