

Title (en)  
Spinning machine

Title (de)  
Spinnmaschine

Title (fr)  
Fileuse

Publication  
**EP 2865793 A1 20150429 (EN)**

Application  
**EP 14195120 A 20100908**

Priority  
• JP 2009217023 A 20090918  
• JP 2010148330 A 20100629  
• EP 10175754 A 20100908

Abstract (en)  
A spinning machine includes a plurality of spinning units, each spinning unit (1) having a pneumatic spinning device (6) which twists a fiber bundle F by air. Each spinning unit includes a compressed air feeding device (21), a first air pipe (22), and an additive supplying device (3). The compressed air feeding device feeds compressed air. The first air pipe guides the air fed by the compressed air feeding device. The additive supplying device adds additive to the air flowing through the first pipe.

IPC 8 full level  
**D01H 1/115** (2006.01); **D01H 4/02** (2006.01)

CPC (source: CN EP)  
**D01H 1/115** (2013.01 - EP); **D01H 4/02** (2013.01 - CN); **D01H 13/00** (2013.01 - CN); **D01H 13/306** (2013.01 - CN); **D01H 13/32** (2013.01 - CN)

Citation (applicant)  
• JP 2009001935 A 20090108 - MURATA MACHINERY LTD  
• JP 2008095208 A 20080424 - MURATA MACHINERY LTD

Citation (search report)  
[XD] JP 2008095208 A 20080424 - MURATA MACHINERY LTD

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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2302114 A2 20110330; EP 2302114 A3 20140226; EP 2302114 B1 20160420**; CN 102021688 A 20110420; CN 102021688 B 20161005; CN 104328539 A 20150204; CN 105463635 A 20160406; CN 105463635 B 20180413; CN 105568445 A 20160511; CN 105568445 B 20180501; EP 2865793 A1 20150429; JP 2011084854 A 20110428

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**EP 10175754 A 20100908**; CN 201010281843 A 20100914; CN 201410664073 A 20100914; CN 201610037321 A 20100914; CN 201610037377 A 20100914; EP 14195120 A 20100908; JP 2010148330 A 20100629