

Title (en)
Spinning unit

Title (de)
Spinnanlage

Title (fr)
Unité de filature

Publication
EP 2309042 B1 20160420 (EN)

Application
EP 10186883 A 20101007

Priority
• JP 2009233786 A 20091007
• JP 2010056773 A 20100312

Abstract (en)
[origin: EP2309042A2] A spinning unit 1 includes a draft device 5, a spinning device 6, a tension stabilizing device 8, a winding device 9, and a yarn defect detecting device 7. The draft device 5 drafts a fiber bundle F. The spinning device 6 produce a spun yarn Y from the fiber bundle F drafted by the draft device 5. The tension stabilizing device 8 stabilizes tension of the spun yarn Y produced by the spinning device 6. The winding device 9 winds a package 91 of the spun yarn Y fed from the tension stabilizing device 8. The yarn defect detecting device 7 can detect a yarn defect in the spun yarn Y. The yarn defect detecting device 7 is arranged between the spinning device 6 and the tension stabilizing device 8.

IPC 8 full level
D01H 1/14 (2006.01); **D01H 1/115** (2006.01); **D01H 13/14** (2006.01); **D01H 13/22** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)
D01H 1/115 (2013.01); **D01H 1/14** (2013.01); **D01H 13/14** (2013.01); **D01H 13/22** (2013.01); **D01H 15/002** (2013.01)

Cited by
CN103014961A; CN104204318A; EP3378815A1; EP3708700A1; US2022403562A1

Designated contracting state (EPC)
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EP 2309042 A2 20110413; **EP 2309042 A3 20140514**; **EP 2309042 B1 20160420**; CN 102031604 A 20110427; CN 102031604 B 20140910; JP 2011099192 A 20110519; JP 5526885 B2 20140618

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