

Title (en)  
Yarn winding machine

Title (de)  
Garnwicklungsmaschine

Title (fr)  
Machine de renvideur de fil

Publication  
**EP 2361867 B1 20141029 (EN)**

Application  
**EP 11155209 A 20110221**

Priority  
JP 2010038102 A 20100224

Abstract (en)  
[origin: EP2361867A2] A spinning machine (1) includes a winding device (12), a yarn clearer (11), a cutter (10), a slack eliminating device (8), a yarn splicing device (92), and a main control section (21). The slack eliminating device (8) includes a slack eliminating roller (30) and a yarn detecting sensor (34) for detecting a yarn on the surface of the slack eliminating roller (30). If a yarn defect is detected by the yarn clearer (11) and a yarn is cut by the cutter (10), the main control section (21) determines whether or not to control the yarn splicing device (92) to carry out yarn splicing in accordance with a detection result of the yarn detecting sensor (34).

IPC 8 full level  
**B65H 51/22** (2006.01); **B65H 54/26** (2006.01); **B65H 63/06** (2006.01); **D01H 4/48** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)  
**B65H 51/22** (2013.01); **B65H 54/26** (2013.01); **B65H 63/06** (2013.01); **D01H 4/48** (2013.01); **D01H 15/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)  
EP 2354069 A2 20110810 - MURATA MACHINERY LTD [JP]

Cited by  
EP2573217A3; CN108190641A; US10526731B2; US11124904B2; EP2966023A1; CN105253710A; CN110642095A; EP3904253A1; US2021348306A1; CN113636418A

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DOCDB simple family (publication)  
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