

Title (en)

Yarn winding device and automatic winder comprising yarn winding device

Title (de)

Garnwickelvorrichtung und automatischer Wickler mit einer Garnwickelvorrichtung

Title (fr)

Dispositif de bobinage de fil et enrouleur automatique comportant un dispositif de bobinage de fil

Publication

EP 2107025 A3 20110504 (EN)

Application

EP 09155645 A 20090319

Priority

JP 2008089627 A 20080331

Abstract (en)

[origin: EP2107025A2] The invention relates to a winding unit (10) that includes an accumulator (61) which enables that a yarn (20) can be accumulated before it is wound into a package (30), and can be drawn out to a yarn supplying bobbin (21) side under the control of a unit control section (50). When a clearer (15) detects a yarn defect, the unit control section (50) draws out a portion of the yarn containing the yarn defect from the accumulator (61) to the yarn supplying bobbin (21) side. The drawn-out yarn (20) is caught and guided to a splicer device (14) by an upper yarn guide pipe (26). Furthermore, a lower yarn caught by a lower yarn guide pipe (25) is guided to the splicer device (14) for a yarn splicing operation.

IPC 8 full level

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CPC (source: EP)

B65H 51/22 (2013.01); **B65H 59/10** (2013.01); **B65H 63/062** (2013.01); **B65H 67/081** (2013.01); **B65H 69/06** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [A] EP 0277717 A1 19880810 - TORAY ENG CO LTD [JP]
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EP 09155645 A 20090319; CN 200910126644 A 20090305; EP 11174044 A 20090319; JP 2008089627 A 20080331