

Title (en)

AUTOMATIC WINDER, YARN WINDING SYSTEM, AND YARN WINDING METHOD

Title (de)

AUTOMATISCHE SPULMASCHINE, GARNWICKELSYSTEM UND GARNWICKELVERFAHREN

Title (fr)

ENROULEUR AUTOMATIQUE, SYSTÈME D'ENROULEMENT DE FIL ET PROCÉDÉ D'ENROULEMENT DE FIL

Publication

EP 3549893 A4 20210303 (EN)

Application

EP 17876272 A 20171128

Priority

- JP 2016235043 A 20161202
- JP 2017042543 W 20171128

Abstract (en)

[origin: EP3549893A1] An automatic winder 4 includes an acquisition unit 45 configured to acquire information related to quality of yarn 14 travelling from a yarn supply bobbin 11 toward a package 15 and a controller 41 configured to control a winding speed at which yarn 14 is wound from the yarn supply bobbin 11. The controller 41 controls the winding speed, based on a quality index of yarn based on the information related to quality acquired by the acquisition unit 45 and a preset index threshold range related to quality of yarn 14, such that the quality index falls within an index threshold range.

IPC 8 full level

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CPC (source: EP)

B65H 54/74 (2013.01); **B65H 63/06** (2013.01); **D01H 13/32** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] JP H06322621 A 19941122 - MURATA MACHINERY LTD
- [A] WO 2011038524 A1 20110407 - USTER TECHNOLOGIES AG [CH], et al
- [A] US 5046013 A 19910903 - UEDA YUTAKA [JP], et al
- [A] EP 1707523 A1 20061004 - SSM AG [CH]
- See references of WO 2018101240A1

Cited by

EP4170076A1; WO2023066544A1

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

DOCDB simple family (publication)

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