

Title (en)

YARN WINDING MACHINE AND METHOD OF OPERATING YARN WINDING MACHINE

Title (de)

GARNWICKELMASCHINE UND VERFAHREN ZUM BETREIBEN EINER GARNWICKELMASCHINE

Title (fr)

MACHINE DE BOBINAGE DE FIL ET PROCÉDÉ DE FONCTIONNEMENT D'UNE MACHINE DE BOBINAGE DE FIL

Publication

**EP 3521224 A1 20190807 (EN)**

Application

**EP 19153645 A 20190125**

Priority

JP 2018017301 A 20180202

Abstract (en)

An automatic winder (4) includes a plurality of winder units (42) adapted to wind a yarn (14) to form a package (15), a storage section (41c) adapted to store a post-maintenance operation time, which is an operation time from when a simultaneous maintenance is performed immediately before, for each of the plurality of winder units (42), and a winder control section (41) adapted to control at least either of startup and stop of the plurality of winder units (42) based on the post-maintenance operation time stored in the storage section (41c).

IPC 8 full level

**B65H 63/00** (2006.01)

CPC (source: CN EP)

**B65H 54/20** (2013.01 - CN); **B65H 54/70** (2013.01 - CN); **B65H 54/702** (2013.01 - CN); **B65H 63/00** (2013.01 - CN EP); **B65H 2557/652** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN EP)

Citation (applicant)

JP 2017002415 A 20170105 - MURATA MACHINERY LTD

Citation (search report)

- [IA] JP H06127826 A 19940510 - MURATA MACHINERY LTD
- [Y] EP 0426979 A2 19910515 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [Y] GB 2163881 A 19860305 - MAINTENANCE TECHNOLOGY INC
- [A] DE 4131247 A1 19930422 - RIETER AG MASCHF [CH]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 19153645 A 20190125**; CN 201910063358 A 20190123; JP 2018017301 A 20180202