

Title (en)
YARN WINDING MACHINE

Title (de)
GARNWICKLUNGSMASCHINE

Title (fr)
MACHINE D'ENROULEMENT DE FIL

Publication
EP 3385205 A1 20181010 (EN)

Application
EP 18163313 A 20180322

Priority
JP 2017074358 A 20170404

Abstract (en)
A winding unit 10 includes a yarn supplying section (15), a yarn winding section (17, 17'), a yarn joining device (38), a first catching / guiding device (30), and a unit controlling section (100). When guiding a yarn end to the yarn joining device (38), if the first catching / guiding device (30) fails in catching the yarn end from a package (22, 22'), the unit controlling section (100) causes the package (22, 22') to rotate in a winding direction of the yarn at a second rotational speed (V2) at which the yarn is wound at a speed of 800 m/min or more. Otherwise the package (22, 22') is rotated at a first rotational speed (V1).

IPC 8 full level
B65H 67/08 (2006.01)

CPC (source: CN EP)
B65H 63/0324 (2013.01 - CN); **B65H 63/065** (2013.01 - CN); **B65H 67/085** (2013.01 - EP); **B65H 69/061** (2013.01 - CN); **B65H 2701/31** (2013.01 - CN EP)

Citation (applicant)
JP 2016011176 A 20160121 - MURATA MACHINERY LTD

Citation (search report)

- [I] EP 2960196 A1 20151230 - MURATA MACHINERY LTD [JP]
- [I] US 4535945 A 19850820 - ROHNER JOACHIM [DE], et al
- [A] DE 102009009971 A1 20100826 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [A] EP 2738129 A2 20140604 - MURATA MACHINERY LTD [JP]

Cited by
DE102018125327A1

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)
EP 3385205 A1 20181010; EP 3385205 B1 20210505; CN 108689244 A 20181023; CN 108689244 B 20210629; JP 2018177389 A 20181115

DOCDB simple family (application)
EP 18163313 A 20180322; CN 201810225130 A 20180319; JP 2017074358 A 20170404