

Title (en)

Yarn winding machine and yarn winding method

Title (de)

Garnwickelmaschine und Garnwickelverfahren

Title (fr)

Machine de renvidage de fil et procédé de renvidage de fil

Publication

EP 2727870 A2 20140507 (EN)

Application

EP 13188303 A 20131011

Priority

JP 2012239050 A 20121030

Abstract (en)

A spinning machine (1) includes a draft device (6), a spinning device (7), a winding device (13), a splicer (26), a suction pipe (27), a suction mouth (28), and a unit controller. The unit controller is adapted to control a package (P) to be reversely rotated after a completion of a yarn guiding operation by the section pipe (27) and the suction mouth (28) and before a start of a yarn joining operation by the splicer (26).

IPC 8 full level

B65H 67/08 (2006.01); **B65H 63/036** (2006.01); **B65H 69/06** (2006.01); **D01H 1/36** (2006.01)

CPC (source: EP)

B65H 63/0364 (2013.01); **B65H 67/085** (2013.01); **B65H 69/06** (2013.01); **D01H 1/36** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

JP 2007284812 A 20071101 - MURATA MACHINERY LTD

Cited by

CN110468474A; US2022235495A1; EP3025995A1; CN105645178A

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 2727870 A2 20140507; **EP 2727870 A3 20160803**; **EP 2727870 B1 20171206**; CN 103787150 A 20140514; CN 103787150 B 20170728; JP 2014088638 A 20140515

DOCDB simple family (application)

EP 13188303 A 20131011; CN 201310472635 A 20131011; JP 2012239050 A 20121030