

Title (en)
Yarn winding machine

Title (de)
Garnwickelmaschine

Title (fr)
Machine de renvidage de fil

Publication
EP 2862826 B1 20180131 (EN)

Application
EP 14184447 A 20140911

Priority
JP 2013218501 A 20131021

Abstract (en)
[origin: EP2862826A1] A spinning machine (1) includes a swinging portion (71b) adapted to rotatably hold a package (45) around which a spun yarn (10) is wound, a winding drum (72) adapted to rotationally drive the package (45) while making contact with the package (45), an air cylinder (60) adapted to receive supply of air and to move the swinging portion (71b) in a first direction and a second direction, and a controller (5) adapted to control the supply of the air to the air cylinder (60). The controller (5) is adapted to control the supply of the air to the air cylinder (60) when supply of electricity is stopped, such that pressure for moving the swinging portion (71b) in the second direction becomes higher than pressure of when the swinging portion (71b) is moved and the package (45) is making contact with the winding drum (72).

IPC 8 full level
B65H 54/553 (2006.01); **B65H 63/036** (2006.01); **B65H 63/04** (2006.01)

CPC (source: EP)
B65H 54/553 (2013.01); **B65H 63/0364** (2013.01); **B65H 63/04** (2013.01); **B65H 2701/31** (2013.01)

Cited by
EP3581807A1

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)
EP 2862826 A1 20150422; **EP 2862826 B1 20180131**; CN 104555574 A 20150429; CN 104555574 B 20190101; IN 2890DE2014 A 20150626; JP 2015081157 A 20150427

DOCDB simple family (application)
EP 14184447 A 20140911; CN 201410543434 A 20141015; IN 2890DE2014 A 20141009; JP 2013218501 A 20131021