Title (en)
YARN WINDING MACHINE

Title (de)
GARNWICKLUNGSMASCHINE

Title (fr)
BOBINEUSE DE FIL

Publication
**EP 3865441 A1 20210818 (EN)**

Application
**EP 19870352 A 20190809**

Priority
• JP 2018190594 A 20181009
• JP 2019031766 W 20190809

Abstract (en)
A yarn is properly guided to a yarn holding portion by a clamp cutter, when a completed package is replaced with a new bobbin. A clamp cutter 50 performs at least first movement and second movement. The clamp cutter 50 performs the first movement after cutting and holding a part of a yarn Y between a yarn supplying unit 11 and a package P. The first movement includes a rearward movement component and is movement in a direction in which the yarn is pulled out from the yarn supplying unit 11. The clamp cutter 50 performs the second movement after the first movement, in order to guide the held yarn Y to a yarn holding portion 28 of a bobbin holder 22. The second movement includes a forward movement component. After the clamp cutter 50 starts the second movement and until the yarn Y is held by the yarn holding portion, a controller 14 causes a feed roller 16 to rotate backward to remove the slack of the yarn Y.

IPC 8 full level
**B65H 54/34** (2006.01); **B65H 51/32** (2006.01); **B65H 67/04** (2006.01)

CPC (source: EP)
**B65H 59/18** (2013.01); **B65H 59/36** (2013.01); **B65H 65/00** (2013.01); B65H 2701/31 (2013.01)

Cited by
EP4310044A1

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 3865441 A1 20210818**; **EP 3865441 A4 20220907**; **EP 3865441 B1 20230712**; CN 112672965 A 20210416; CN 112672965 B 20220816; JP 7035211 B2 20220314; JP WO2020075382 A1 20210902; TW 202014367 A 20200416; TW I766186 B 20220601; WO 2020075382 A1 20200416

DOCDB simple family (application)
**EP 19870352 A 20190809**; CN 201980059124 A 20190809; JP 2019031766 W 20190809; JP 2020550000 A 20190809; TW 108132192 A 20190906