

Title (en)
YARN WINDING MACHINE

Title (de)
GARNWICKLUNGSMASCHINE

Title (fr)
MACHINE DE BOBINAGE DE FIL

Publication
EP 3009540 A2 20160420 (EN)

Application
EP 15183419 A 20150902

Priority
JP 2014211361 A 20141016

Abstract (en)
A spinning machine (1) includes a spinning unit (2), a blower box (5), and an open-end spinning unit (6). The spinning unit (2) winds a first yarn into a first package (16). The blower box (5) collects excess fibers (13) generated in the spinning unit (2). The open-end spinning unit (6) forms a second yarn using the excess fibers (13) collected by the blower box (5), and winds the second yarn into a second package.

IPC 8 full level
D01H 4/00 (2006.01); **D01H 1/00** (2006.01); **D01H 1/115** (2006.01); **D01H 11/00** (2006.01)

CPC (source: EP)
B65H 54/702 (2013.01); **B65H 54/707** (2013.01); **B65H 54/86** (2013.01); **D01H 1/115** (2013.01); **D01H 4/08** (2013.01); **D01H 11/005** (2013.01); **D01H 13/04** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
JP H04110766 U 19920925

Cited by
CN108754705A

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

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EP 3009540 A2 20160420; **EP 3009540 A3 20161102**; CN 105525396 A 20160427; CN 105525396 B 20190816; JP 2016079526 A 20160516

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EP 15183419 A 20150902; CN 201510583410 A 20150914; JP 2014211361 A 20141016