

Title (en)  
YARN WINDING MACHINE

Title (de)  
GARNWICKLUNGSMASCHINE

Title (fr)  
MACHINE DE BOBINAGE DE FIL

Publication  
**EP 3549892 A1 20191009 (EN)**

Application  
**EP 17876955 A 20171116**

Priority  
• JP 2016235043 A 20161202  
• JP 2017081465 A 20170417  
• JP 2017041309 W 20171116

Abstract (en)  
An automatic winder includes a yarn winding unit including a yarn feeder configured to supply yarn and a winding apparatus configured to wind the yarn supplied from the yarn feeder and to form a package, and a receiving unit configured to receive a setting of target quality of the yarn to be wound by the winding apparatus.

IPC 8 full level  
**B65H 54/02** (2006.01); **B65H 63/06** (2006.01); **D01H 13/00** (2006.01)

CPC (source: EP)  
**B65H 63/06** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
EP4170076A1; WO2023066544A1

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 3549892 A1 20191009; EP 3549892 A4 20200819; EP 3549892 B1 20210616**; CN 110023217 A 20190716; CN 110023217 B 20210212; WO 2018101066 A1 20180607

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