

Title (en)  
Spinning winder

Title (de)  
Spulenwickler

Title (fr)  
Enrouleur de filature

Publication  
**EP 2505538 B1 20161228 (EN)**

Application  
**EP 12157883 A 20120302**

Priority  
• JP 2011078916 A 20110331  
• JP 2011178741 A 20110818

Abstract (en)  
[origin: EP2505538A2] The efficiency in yarn threading from the leading end side of a winding axis onto a plurality of heating rollers is improved. A spinning winder sends, to a winding unit below via a godet roller group 20 and two guide rollers 11 and 12, a plurality of yarns 10 spun out and serially supplied from a spinning machine above, and the winding unit winds the yarns 10. A godet roller group 20 is provided on the leading end side of a bobbin holder 7, and axes 21a to 24a of godet rollers 21 to 24 belonging to the godet roller group 20 are in parallel to the axis 7a of the bobbin holder 7.

IPC 8 full level  
**B65H 54/70** (2006.01); **B65H 54/88** (2006.01); **B65H 57/00** (2006.01); **D01D 10/02** (2006.01); **D01D 13/02** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP)  
**B65H 54/70** (2013.01); **B65H 54/88** (2013.01); **B65H 57/003** (2013.01); **B65H 2701/3132** (2013.01)

Citation (examination)  
• EP 0010772 A1 19800514 - TEIJIN LTD [JP]  
• JP H06212509 A 19940802 - MURATA MACHINERY LTD

Cited by  
JP2017519918A; TWI620842B

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)  
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**EP 12157883 A 20120302**; CN 201210090936 A 20120330; JP 2011178741 A 20110818