

Title (en)  
YARN WINDER

Title (de)  
GARNWICKLER

Title (fr)  
BOBINOIR DE FIL

Publication  
**EP 2484620 B1 20151104 (EN)**

Application  
**EP 10820660 A 20100930**

Priority  
• JP 2009228888 A 20090930  
• JP 2010067116 W 20100930

Abstract (en)  
[origin: EP2484620A1] A yarn is continuously wound by a yarn winder without interruption. When a yarn guiding member 73 guides a yarn Y to a tapered portion 71a which is the lower left end portion of a rotational storage drum 71, the yarn Y is wound onto the tapered portion 71a as the rotational storage drum 71 rotates and moves rightward and upward along the surface of the tapered portion 71a, with the result that the yarn Y is stored in the rotational storage drum 71. The yarn Y unwound from the rotational storage drum 71 passes through a gap between a rubber-made annular component 81 wrapping up the rotational storage drum 71 and the surface of the rotational storage drum 71 and runs toward a winding section 6. Furthermore, an airflow flowing from the rotational storage drum 71 side to the upper yarn guide pipe 26 side is generated by a blowdown nozzle 74 in the yarn guiding member 73 and the rotational storage drum 71 is rotated in a direction opposite to the direction at the time of winding the yarn, so that the yarn end of the yarn Y on the rotational storage drum 71 is sucked and drawn out to the upper yarn guide pipe 26.

IPC 8 full level  
**B65H 51/22** (2006.01); **B65H 67/08** (2006.01); **B65H 69/00** (2006.01)

CPC (source: EP)  
**B65H 51/22** (2013.01); **B65H 67/081** (2013.01); **B65H 69/00** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
CN105819269A; EP2594516A4; EP4112521A1; EP2626323B1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2484620 A1 20120808; EP 2484620 A4 20130626; EP 2484620 B1 20151104**; CN 102574656 A 20120711; CN 102574656 B 20130828; JP 5287992 B2 20130911; JP WO2011040545 A1 20130228; WO 2011040545 A1 20110407

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