

Title (en)  
THREAD WINDING DEVICE

Title (de)  
VORRICHTUNG ZUM AUFSPULEN EINES FADENS

Title (fr)  
DISPOSITIF D'ENROULEMENT DE FIL

Publication  
**EP 2684826 A1 20140115 (EN)**

Application  
**EP 12757986 A 20120308**

Priority  
• JP 2011054281 A 20110311  
• JP 2012055929 W 20120308

Abstract (en)  
Provided is a yarn winding device that can prevent the occurrence of sluffing. A winding unit (10), while eliminating the threading defects of a yarn feeding bobbin (B1) around which is wound a yarn (Y) that is spun by a fine spinning machine, winds a package (P). The winding unit (10) comprises a yarn accumulating device (100) which winds the yarn (Y) from the yarn feeding bobbin (B1) and accumulates the wound yarn. The yarn accumulating device (100) comprises the following: a yarn accumulating part (130) which accumulates the yarn (Y); and a winding part (140) which, while rotating, winds the yarn (Y) around the yarn accumulating part (130). The yarn accumulating part (130) comprises the following: a yarn accumulating body (belt outer side) (132F) around which the yarn (Y) is wound; and a drive pulley (134) which maintains an equidistant space between yarns (Y) to be wound and supplies the yarn (Y) that is wound around the belt outer side (132F) from a winding side (130R) to a unwinding side (130F).

IPC 8 full level  
**B65H 51/20** (2006.01); **B65H 51/22** (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP)  
**B65H 51/20** (2013.01); **B65H 51/22** (2013.01); **B65H 67/081** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
EP2987755A1

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DOCDB simple family (publication)  
**EP 2684826 A1 20140115**; **EP 2684826 A4 20140730**; **EP 2684826 A9 20140416**; CN 103429515 A 20131204; CN 103429515 B 20160413; JP 2012188255 A 20121004; WO 2012124588 A1 20120920

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