

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
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DOCDB simple family (publication)
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