

Title (en)  
YARN WINDING MACHINE AND SPINNING MACHINE

Title (de)  
GARNWICKELMASCHINE UND SPINNMASCHINE

Title (fr)  
MACHINE DE BOBINAGE DE FIL ET MACHINE À FILER

Publication  
**EP 3103750 B1 20190306 (EN)**

Application  
**EP 16172616 A 20160602**

Priority  
JP 2015118258 A 20150611

Abstract (en)  
[origin: EP3103750A1] A spinning machine (1) includes a drafting device (7), an air spinning device (9), a yarn accumulating device (22), a winding device (26), and a movement section (80). The winding device (26) includes a winding drum (53) and a cradle (52). The winding drum (53) rotates while being in contact with a winding bobbin (51) or a package (P). The cradle (52) is arranged at a higher level than the drafting device (7) and the air spinning device (9) in a height direction during a winding operation, and rotatably supports the winding bobbin (51). The movement section (80) moves a bobbin supporting section (11) from an upward position in the height direction with respect to the winding drum (53) to a downward position on an operator's working passage side.

IPC 8 full level  
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CPC (source: CN EP)  
**B65H 54/22** (2013.01 - CN); **B65H 54/52** (2013.01 - EP); **B65H 54/70** (2013.01 - CN); **B65H 54/74** (2013.01 - EP); **B65H 63/0364** (2013.01 - EP); **B65H 67/0411** (2013.01 - EP); **B65H 75/18** (2013.01 - CN); **D01H 9/04** (2013.01 - EP); **B65H 2405/40** (2013.01 - CN); **B65H 2701/31** (2013.01 - CN EP)

Cited by  
CN113321053A; EP3326946A1

Designated contracting state (EPC)  
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