

Title (en)
Yarn winding machine

Title (de)
Garnwicklungsmaschine

Title (fr)
Machine de renvidage de fil

Publication
EP 2479129 B1 20160810 (EN)

Application
EP 11195873 A 20111228

Priority
• JP 2011013382 A 20110125
• JP 2011204553 A 20110920

Abstract (en)
[origin: EP2479129A2] An automatic winder includes a bobbin set section, a cradle (23), a contact roller (29), a traverse guide (28), and a yarn leading plate (75, 76). The bobbin set section supplies a yarn of a yarn supplying bobbin. The cradle (23) rotatably holds a package (30), around which the yarn (20) supplied from the bobbin set section is wound. The contact roller (29) makes contact with and rotates the package (30). The traverse guide (28) is provided independently from the contact roller (29). The traverse guide (28) is engaged with the yarn (20) to be wound into the package (30) to traverse the yarn (20). The yarn leading plate (75, 76) makes contact with the yarn (20) applied with tension to lead the yarn (20) towards a center in a winding width direction of the package (30) before the traverse guide (28) engages with the yarn (20).

IPC 8 full level
B65H 57/02 (2006.01); **B65H 54/28** (2006.01)

CPC (source: EP)
B65H 54/2827 (2013.01); **B65H 57/02** (2013.01); **B65H 2701/31** (2013.01)

Citation (opposition)
Opponent : Saurer Germany GmbH & Co. KG
• US 4312482 A 19820126 - SCHEWE RICHARD A
• GB 1527145 A 19781004 - REINERS VERWALTUNGS GMBH
• "Autoconer 5 Typ RM", OERLIKON SCHLAFHORST, 2008, pages 1 - 490, XP055381328

Cited by
EP2712830A3; EP2727870A3; WO2023083870A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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