

Title (en)
YARN WINDER

Title (de)
GARNWICKLER

Title (fr)
ENROULEUR DE FILS

Publication
EP 3363756 B1 20191204 (EN)

Application
EP 18155075 A 20180205

Priority
JP 2017026578 A 20170216

Abstract (en)
[origin: EP3363756A1] Positions of dancer rolls are properly controlled in a yarn winder including one or more common spindles each configured to support a plurality of bobbins (packages). The yarn winder includes: traverse units 19 configured to traverse yarns Y respectively; dancer rolls 31 onto which the yarns Y are respectively wound, each of the dancer rolls 31 configured to be movable from a predetermined reference position toward a relaxation side on which a corresponding one of the yarns Y is relaxed and toward a tension side on which yarn slack is removed; position detectors 34 configured to detect positions of the dancer rolls 31, respectively; and a controller 20 configured to control the position of at least one of the dancer rolls 31 based on outputs from the position detectors 34 by adjusting the traversal speed of corresponding at least one of the traverse units 19 traversing the yarn Y wound onto the at least one of the dancer rolls 31.

IPC 8 full level
B65H 54/20 (2006.01); **B65H 54/28** (2006.01); **B65H 59/36** (2006.01); **B65H 59/38** (2006.01); **B65H 67/048** (2006.01)

CPC (source: CN EP)
B65H 54/20 (2013.01 - CN EP); **B65H 54/2884** (2013.01 - EP); **B65H 59/10** (2013.01 - CN); **B65H 59/36** (2013.01 - EP);
B65H 59/384 (2013.01 - EP); **B65H 59/385** (2013.01 - CN EP); **B65H 67/048** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN EP)

Cited by
US2022396452A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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