

Title (en)
Yarn winding machine

Title (de)
Garnwickelmaschine

Title (fr)
Machine de renvideur de fil

Publication
EP 2573030 A3 20131211 (EN)

Application
EP 12175315 A 20120706

Priority
JP 2011206506 A 20110921

Abstract (en)
[origin: EP2573030A2] A fine spinning machine includes a winding device (13) adapted to wind a yarn into a package (45); a spinning device (9) adapted to supply a spun yarn (10) to the winding device (13) ; a yarn joining device (43) adapted to perform a yarn joining operation to join the spun yarn (10) between the package (45) and the spinning device (9); and a moving means (30). The moving means (30) can move the yarn joining device (43) between a yarn joining position and a retreated position, the yarn joining position being a position located close to a yarn path between the package (45) and the spinning device (9) during a normal winding, and the retreated position being a position located away from the yarn path.

IPC 8 full level
B65H 54/26 (2006.01); **B65H 69/04** (2006.01); **B65H 69/06** (2006.01)

CPC (source: EP)
B65H 54/26 (2013.01); **B65H 69/04** (2013.01); **B65H 69/061** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [X1] US 4559773 A 19851224 - STAHLER PETER H [US]
• [X1] US 4083171 A 19780411 - KONIG REINHARD, et al
• [X1] US 4248037 A 19810203 - MARTIN CHARLES R, et al

Designated contracting state (EPC)
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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2573030 A2 20130327; **EP 2573030 A3 20131211**; **EP 2573030 B1 20160406**; **EP 2573030 B8 20160713**; CN 103010823 A 20130403;
CN 103010823 B 20180629; JP 2013067474 A 20130418

DOCDB simple family (application)
EP 12175315 A 20120706; CN 201210254679 A 20120718; JP 2011206506 A 20110921