

Title (en)
YARN WINDER

Title (de)
GARNWICKLER

Title (fr)
BOBINOIR DE FIL

Publication
EP 2484619 A4 20130626 (EN)

Application
EP 10820659 A 20100930

Priority
• JP 2009228941 A 20090930
• JP 2010067115 W 20100930

Abstract (en)
[origin: EP2484619A1] A technology for making it possible to continue winding while yarn jointing is carried out is provided. A yarn supplying portion 3 for unwinding a spun yarn Y from a yarn supplying bobbin B, a winding section 5 for winding the spun yarn Y to form a package P, an accumulator 7 provided between the yarn supplying portion 3 and the winding section 5 to store the spun yarn Y, and a yarn end drawing mechanism W for drawing out the yarn end of the stored spun yarn Y to the yarn supplying portion 3 side at the time of bobbin change of the yarn supplying bobbin B, yarn cutting, or yarn breakage are provided.

IPC 8 full level
B65H 51/22 (2006.01); **B65H 63/08** (2006.01); **B65H 67/08** (2006.01); **B65H 69/00** (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **B65H 67/081** (2013.01); **B65H 69/00** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
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• [YA] DE 1535142 A1 19691120 - ELITEX SDRUZENI PODNIKU TEXTIN
• [Y] DE 2553892 A1 19770602 - SKF KUGELLAGERFABRIKEN GMBH
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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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2484619 A1 20120808; EP 2484619 A4 20130626; EP 2484619 B1 20160810; CN 102548884 A 20120704; CN 102548884 B 20160316; EP 3028977 A1 20160608; EP 3028977 B1 20190306; JP 5375967 B2 20131225; JP WO2011040544 A1 20130228; WO 2011040544 A1 20110407

DOCDB simple family (application)
EP 10820659 A 20100930; CN 201080044104 A 20100930; EP 16151967 A 20100930; JP 2010067115 W 20100930; JP 2011534318 A 20100930