

Title (en)
Yarn winding device and automatic winder

Title (de)
Garnwickelvorrichtung und automatischer Wickler

Title (fr)
Dispositif de bobinage de fil et enrouleur automatique

Publication
EP 2377793 A2 20111019 (EN)

Application
EP 11174044 A 20090319

Priority
• EP 09155645 A 20090319
• JP 2008089627 A 20080331

Abstract (en)
A yarn winding device (10), which winds a yarn drawn out from a replaceable yarn supplying bobbin (21) into a package (30), the yarn winding device (10) comprising: an accumulator (61) serving as a tension transmission interrupting mechanism, which interrupts transmission of a tension change occurring on the yarn supplying bobbin (21) side to prevent the tension change from being transmitted to the package (30), and a tension control mechanism (42) for flexibly controlling tension of the yarn being wound into the package (30).

IPC 8 full level
B65H 51/22 (2006.01); **B65H 59/10** (2006.01); **B65H 63/06** (2006.01); **B65H 67/08** (2006.01); **B65H 69/06** (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **B65H 59/10** (2013.01); **B65H 63/062** (2013.01); **B65H 67/081** (2013.01); **B65H 69/06** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
• JP H05766 A 19930108 - MURATA MACHINERY LTD
• US 3314621 A 19670418 - KAREL BOUS

Cited by
DE102012020135A1; US2022403562A1; EP2774883A1

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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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2107025 A2 20091007; **EP 2107025 A3 20110504**; **EP 2107025 B1 20130508**; CN 101549806 A 20091007; CN 101549806 B 20130313; EP 2377793 A2 20111019; EP 2377793 A3 20120418; EP 2377793 B1 20121121; JP 2009242042 A 20091022; JP 5007826 B2 20120822

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