

Title (en)
Yarn winding device

Title (de)
Garnwicklungsvorrichtung

Title (fr)
Dispositif de renvideur de fil

Publication
EP 2671832 A3 20141224 (EN)

Application
EP 13167607 A 20130514

Priority
JP 2012126864 A 20120604

Abstract (en)
[origin: EP2671832A2] An automatic winder includes a plurality of winding units (2) adapted to wind a yarn (Y) to form a package (P). Each winding unit (2) includes a yarn supplying section (11), a winding section (13) adapted to wind the yarn (Y) supplied from the yarn supplying section (11), a yarn clearer (22) adapted to detect a state of the yarn (Y) between the yarn supplying section (11) and the winding section (13), and a display section (40) adapted to display information associated with the winding unit (2). The display section (40) displays the information associated with the state of the yarn (Y) detected by the yarn clearer (22).

IPC 8 full level
B65H 63/06 (2006.01)

CPC (source: EP)
B65H 63/06 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [X] US 4843808 A 19890704 - RUEGE JOACHIM [DE], et al
- [X] DE 4137742 A1 19920521 - MURATA MACHINERY LTD [JP]
- [Y] EP 2455318 A1 20120523 - MURATA MACHINERY LTD [JP]
- [A] EP 0943572 A2 19990922 - MURATA MACHINERY LTD [JP]
- [A] DE 19824078 A1 19991209 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [A] WO 9954532 A1 19991028 - RIETER AG MASCHF [CH], et al
- [AD] JP 2004352465 A 20041216 - MURATA MACHINERY LTD
- [Y] LAPPAGE J ET AL: "An instrument for the study of yarn hairiness", JOURNAL OF THE TEXTILE INSTITUTE TRANSACTIONS, UNITED KINGDOM, vol. 55, no. 8, 1 August 1964 (1964-08-01), pages T381 - T395, XP002694650, ISSN: 0368-4482

Cited by
EP3875647A1; DE102020106124A1

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 2671832 A2 20131211; EP 2671832 A3 20141224; EP 2671832 B1 20160629; CN 103449258 A 20131218; CN 103449258 B 20190618; JP 2013249190 A 20131212

DOCDB simple family (application)
EP 13167607 A 20130514; CN 201310142268 A 20130423; JP 2012126864 A 20120604