

Title (en)

Yarn defect detecting device and winding device

Title (de)

Garndefektdetektionsvorrichtung und Wickelvorrichtung

Title (fr)

Dispositif de détection de défaut de fil et dispositif d'enroulement

Publication

**EP 2690046 A2 20140129 (EN)**

Application

**EP 13175516 A 20130708**

Priority

JP 2012167227 A 20120727

Abstract (en)

A yarn defect detecting device (10) includes a yarn defect determining section (22) that determines, as a defect, a part of a yarn having a thickness falling outside a thickness threshold specified as a determination threshold and having a length equal to or larger than a reference length, an end point identifying section (21) that identifies an end point of the defect in a longitudinal direction when the part of the yarn is determined as the defect by the yarn defect determining section (22), and a cutter (9) that cuts the yarn when the end point identifying section (21) identifies the longitudinal direction end point of the defect.

IPC 8 full level

**B65H 63/06** (2006.01)

CPC (source: EP)

**B65H 63/062** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

JP 4436938 B2 20100324

Cited by

EP2966022A1; CN105253703A

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 2690046 A2 20140129; EP 2690046 A3 20150114; EP 2690046 B1 20200212**; CN 103569796 A 20140212; CN 103569796 B 20180102; JP 2014024650 A 20140206

DOCDB simple family (application)

**EP 13175516 A 20130708**; CN 201310251916 A 20130624; JP 2012167227 A 20120727