Title (en)
Yarn accumulating device, yarn winding unit including the same, and yarn winding machine including the same

Title (de)
Garnsammelvorrichtung, Garnwickeleinheit damit und Garnwickelmaschine damit

Title (fr)
Dispositif d'accumulation de fil, unité de bobinage de fil le comprenant et machine de bobinage de fil comprenant cette unité

Publication
EP 2910507 A1 20150826 (EN)

Application
EP 15153002 A 20150129

Priority
JP 2014034718 A 20140225

Abstract (en)
A yarn removal lever 28 includes a contacting surface 30 arranged movable between a standby position and a yarn removal position and adapted to be capable of making contact with a spun yarn 10. The yarn removal lever 28 is adapted to remove the spun yarn 10 from a yarn hooking member 22 by moving the contacting surface 30 to the yarn removal position. The contacting surface 30 includes a first portion 31 and a second portion 32 located downstream of the first portion 31 in a moving direction of the contacting surface 30. Under a state in which the contacting surface 30 has been moved to the yarn removal position, at least a portion of the first portion 31 is located downstream of a downstream end 21a of a yarn accumulating roller 21 in a running direction of the spun yarn 10.

IPC 8 full level
B65H 51/22 (2006.01)

CPC (source: EP)
B65H 51/22 (2013.01); **D01H 13/00** (2013.01); B65H 2701/31 (2013.01); D01H 15/00 (2013.01)

Citation (applicant)
JP 2013067891 A 20130418 - MURATA MACHINERY LTD

Citation (search report)
- [A] EP 2573217 A2 20130327 - MURATA MACHINERY LTD [JP]
- [A] EP 2213773 A1 20100804 - MURATA MACHINERY LTD [JP]
- [A] EP 1407995 A2 20040414 - MURATA MACHINERY LTD [JP]

Cited by
CN110004557A

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 2910507 A1 20150826; **EP 2910507 B1 20160831**; CN 104860125 A 20150826; CN 104860125 B 20190614; IN 187DE2015 A 20150828; JP 2015161032 A 20150907

DOCDB simple family (application)
EP 15153002 A 20150129; CN 201510035522 A 20150123; IN 187DE2015 A 20150121; JP 2014034718 A 20140225