

Title (en)
Method for winding and cleaning a yarn

Title (de)
Verfahren zum Spulen und Reinigen eines Garns

Title (fr)
Procédé de rinçage et de nettoyage d'un fil

Publication
EP 2774883 A1 20140910 (DE)

Application
EP 13001166 A 20130308

Priority
EP 13001166 A 20130308

Abstract (en)
The method involves guiding the yarn (2) between the yarn supply and the target coil in a running direction (L) by a yarn cleaner (9) to secure the yarn quality. The yarn defect is cut out upon detection of the yarn defect and the yarn is then spliced. The yarn is first withdrawn against the direction and then cut upon detection of the yarn defect. A pulling force is exerted on the yarn for withdrawal of the yarn upon detection of the yarn defect between the yarn supply and the yarn cleaner with a return device (4). An independent claim is included for a winding machine with a cutting station.

Abstract (de)
In der Spulstation einer Spulmaschine wird Garn (2) mit einem Garnreiniger (9) auf Fehlstellen geprüft. Bei Detektion einer Fehlstelle wird das Garn (2) zunächst durch den Garnreiniger (9) zurückgezogen, wobei das Garn nochmals genauer geprüft wird. Sodann wird die Fehlstelle am zurückgezogenen Garn herausgeschnitten, worauf das Garn (2) wieder verspleisst wird.

IPC 8 full level
B65H 51/20 (2006.01); **B65H 51/22** (2006.01); **B65H 54/71** (2006.01); **B65H 63/06** (2006.01); **B65H 69/06** (2006.01)

CPC (source: EP)
B65H 51/205 (2013.01); **B65H 51/22** (2013.01); **B65H 54/71** (2013.01); **B65H 63/06** (2013.01); **B65H 69/06** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)
EP 2377793 A2 20111019 - MURATA MACHINERY LTD [JP]

Citation (search report)
• [XYI] JP H10310330 A 19981124 - MURATA MACHINERY LTD
• [XYI] EP 2484619 A1 20120808 - MURATA MACHINERY LTD [JP]
• [XY] EP 1238937 A1 20020911 - LOEPFE AG GEB [CH]
• [Y] EP 1764333 A2 20070321 - ZAMATTIO SERGIO [IT]
• [X] WO 2006058582 A1 20060608 - SAURER GMBH & CO KG [DE]

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EP3000757A1; EP3025996A1; CN108622737A

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

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