

Title (en)

Method for automatically coiling a spool and a thread spool and coiling device for carrying out the method

Title (de)

Verfahren zum automatischen Aufspulen einer Spule und einer Garnrolle sowie Spuleinrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé d'embobinage automatique d'une bobine et d'un rouleau de fil et dispositif de bobinage pour la réalisation du procédé

Publication

**EP 2589695 B1 20140521 (DE)**

Application

**EP 12190701 A 20121031**

Priority

DE 102011085775 A 20111104

Abstract (en)

[origin: EP2589695A1] The method involves inserting a coil (13) into a coil retainer of a reeling device (8), and determining residual thread on the inserted coil by using a residual thread sensor (16) i.e. light barrier sensor. The coil is wound or the coil is released only when the inserted coil carries no residual thread. A signal transmitter (17) is connected with the sensor, where the sensor is provided with a light source and a light detector. A surface of the coil is used as a reflector in a light path between the light source and the light detector. An independent claim is also included for a reeling device for executing a method for automatically winding a coil from a thread spool.

IPC 8 full level

**D05B 59/00** (2006.01); **D05B 59/02** (2006.01)

CPC (source: EP KR)

**B65H 54/22** (2013.01 - KR); **B65H 63/08** (2013.01 - KR); **D05B 59/00** (2013.01 - EP KR); **D05B 59/02** (2013.01 - EP KR); **B65H 2553/00** (2013.01 - KR); **B65H 2553/41** (2013.01 - KR); **B65H 2553/412** (2013.01 - KR); **B65H 2553/51** (2013.01 - KR)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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