

Title (en)

Spooling machine with a changing device and method for operating the same

Title (de)

Spulmaschine mit einer Wechseleinrichtung und Verfahren zum Betrieb derselben

Title (fr)

Bobinoir doté d'un dispositif de changement et procédé de fonctionnement de celui-ci

Publication

EP 2261158 A3 20110817 (DE)

Application

EP 10164841 A 20100603

Priority

DE 102009026849 A 20090609

Abstract (en)

[origin: EP2261158A2] The method involves rotating spindle axes by two spindles, where the spindle axes define a spindle plane. A traversing guide is held by a traversing device, where the guide is driven for traversing movement. A winding material is guided by the guide from a package wound in one of spindles via a transfer device to another spindle. The winding material is fixed with a catching device that is associated with the latter spindle. Driven movements of the traversing guide are controlled by a control device in a changing direction and a traversing direction, respectively. An independent claim is also included for a winding machine comprising two driven spindles.

IPC 8 full level

B65H 67/052 (2006.01)

CPC (source: EP US)

B65H 67/052 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [AD] DE 2037282 A1 19720210 - NIEHOFF KG MASCHF
- [AD] EP 0018577 A1 19801112 - BAYER AG [DE]
- [A] JP H11209001 A 19990803 - SUMITOMO ELECTRIC INDUSTRIES

Cited by

EP3287401A1; US10604867B2; EP3057896B1

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2261158 A2 20101215; EP 2261158 A3 20110817; EP 2261158 B1 20120711; CN 101920871 A 20101222; CN 101920871 B 20130227; DE 102009026849 B3 20110113; ES 2388580 T3 20121016; JP 2010285284 A 20101224; JP 5517758 B2 20140611; US 2010308151 A1 20101209; US 8267343 B2 20120918

DOCDB simple family (application)

EP 10164841 A 20100603; CN 201010240141 A 20100609; DE 102009026849 A 20090609; ES 10164841 T 20100603; JP 2010130683 A 20100608; US 79211210 A 20100602