

Title (en)

OPEN-END TYPE SPINNING APPARATUS AND METHOD FOR UNLOADING A PACKAGE FROM AN OPEN-END-TYPE SPINNING APPARATUS

Title (de)

OPEN-END-SPINNVORRICHTUNG UND VERFAHREN ZUM ENTLADEN EINER VERPACKUNG AUS EINER OPEN-END-SPINNVORRICHTUNG

Title (fr)

APPAREIL DE FILAGE À BOUT LIBÉRÉ ET PROCÉDÉ POUR DÉCHARGER UN EMBALLAGE À PARTIR D'UN APPAREIL DE FILAGE À BOUT LIBÉRÉ

Publication

EP 3336028 A1 20180620 (EN)

Application

EP 17206699 A 20171212

Priority

IT 201600127912 A 20161219

Abstract (en)

An open-end-type spinning apparatus (4) comprising a first series (28) of open-end spinning heads (8), each provided with a forming position (32) for the holding of a forming package (24)'), and an unloading position (36) of a formed package (24") having a predetermined length, the unloading position (36) separated from the forming position (32), a second series (40) of open-end spinning heads (8), each provided with a forming position (32) for the holding of a conical package (24'), and an unloading position (36) of said formed package (24"), separated from the forming position (32), a package unloading belt (44) interposed between the first and second series (28,40) of spinning heads (8), extending along a longitudinal direction (X-X), in position contiguous to the unloading positions (36) of the formed packages (24"). Advantageously open-end spinning heads (8) of the first and second series (28,40) are provided with an intermediate holding position (48), between each forming position (32) and each unloading position (36), and respective retention means (52) to selectively block, in said intermediate holding position (48), the formed package (24"), regulating the passage thereof to the subsequent unloading position (36).

IPC 8 full level

B65H 67/04 (2006.01); **B65H 67/06** (2006.01)

CPC (source: CN EP)

B65H 67/0411 (2013.01 - EP); **B65H 67/064** (2013.01 - EP); **D01H 4/00** (2013.01 - CN); **D01H 4/42** (2013.01 - CN); **D01H 9/187** (2013.01 - CN); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

- [X] DE 102014107508 A1 20151203 - RIETER INGOLSTADT GMBH [DE]
- [X] DE 4037094 A1 19910704 - ELITEX SP [CS]
- [I] JP H08143229 A 19960604 - TOYODA AUTOMATIC LOOM WORKS
- [A] GB 1044677 A 19661005 - REINERS WALTER
- [A] EP 0285186 A1 19881005 - SAVIO SPA [IT]
- [A] US 4541578 A 19850917 - KAWARABASHI TSUKASA [JP], et al

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 3336028 A1 20180620; **EP 3336028 B1 20191225**; CN 108203852 A 20180626; CN 108203852 B 20220819; CN 208008986 U 20181026; IT 201600127912 A1 20180619

DOCDB simple family (application)

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