

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 B1 20191225 (EN)**

Application  
**EP 17206699 A 20171212**

Priority  
IT 201600127912 A 20161219

Abstract (en)  
[origin: EP3336028A1] 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  
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CPC (source: CN EP)  
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Citation (opposition)  
Opponent : MASCHINENFABRIK RIETER AG  
• DE 1685988 A1 19711209 - SCRAGG & SONS  
• DE 102014107508 A1 20151203 - RIETER INGOLSTADT GMBH [DE]  
• EP 0090911 A2 19831012 - RIETER AG MASCHF [CH]  
• DE 4037094 A1 19910704 - ELITEX SP [CS]  
• EP 1864931 A1 20071212 - MURATA MACHINERY LTD [JP]  
• EP 2322459 A2 20110518 - MURATA MACHINERY LTD [JP]  
• DE 3731125 A1 19880505 - VYZK USTAV BAVLNARSKY [CS]  
• HEINZ ERNST: "The Rieter Manual of Spinning VoLume 5 - Rotor Spinning", 2014, RIETER MACHINE WORKS LTD., pages: 2pp, 54, 1pp, XP055738299  
• ANONYMOUS: "Originalbetriebsanleitung Rotorspinnmaschine R 60 /Traducccion del manual original Maquina de hilar a rotor R 60/", RIETER INGOLSTADT GMBH, 6 July 2011 (2011-07-06), pages 16pp, XP055738316

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