

Title (en)  
Yarn pooling device and spinning unit

Title (de)  
Garnspeichervorrichtung und Spinnereinheit

Title (fr)  
Dispositif de stockage de fil et unité de filage

Publication  
**EP 2749515 A3 20171227 (EN)**

Application  
**EP 13199497 A 20131223**

Priority  
JP 2012285719 A 20121227

Abstract (en)  
[origin: EP2749515A2] A yarn pooling device (22) includes a yarn pooling roller (41) and a yarn suction device (44). The yarn pooling roller (41) temporarily pools the spun yarn (10) by winding it on its outer circumferential surface. The yarn suction device (44) generates a suction air current at a suction port, which is arranged downstream of the yarn pooling roller (41) in the yarn running direction, to suck and dispose of the spun yarn (10) remaining on the yarn pooling roller (41). When disposing of the spun yarn (10) remaining on the yarn pooling roller (41), the yarn suction device (44) unhooks the spun yarn (10) that is hooked on a yarn hooking member (43) by using a suction pipe (71) and the like.

IPC 8 full level  
**B65H 51/22** (2006.01)

CPC (source: EP)  
**B65H 51/22** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [X] EP 0436900 A1 19910717 - ROY ELECTROTEX SPA [IT]
- [X] US 4553709 A 19851119 - BOCK ERICH [DE], et al
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EP3502024A1; EP3438333A1

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 2749515 A2 20140702; EP 2749515 A3 20171227**; CN 103898639 A 20140702; CN 103898639 B 20181214; JP 2014125349 A 20140707

DOCDB simple family (application)  
**EP 13199497 A 20131223**; CN 201310664229 A 20131209; JP 2012285719 A 20121227