

Title (en)

Bobbin delivering device and winding system

Title (de)

Spulenlieferungsvorrichtung und Aufspulsystem

Title (fr)

Dispositif d'alimentation de bobines et système d'enroulement

Publication

EP 2573029 B1 20161102 (EN)

Application

EP 12184192 A 20120913

Priority

JP 2011206666 A 20110921

Abstract (en)

[origin: EP2573029A2] A bobbin separating and supplying device (12) includes a bobbin separating section (24), a bunch removing section (72), and a tray mounting section (73). The bobbin separating section (24) supplies bobbins (9) one by one. The bunch removing section (72) removes a bunch winding (9a) from the bobbin (9) supplied by the bobbin separating section (24). The tray mounting section (73) mounts the bobbin (9) the bunch winding of which has been removed by the bunch removing section (72), onto a transporting tray (21).

IPC 8 full level

B65H 67/08 (2006.01); **B65H 67/06** (2006.01)

CPC (source: EP)

B65H 67/067 (2013.01); **B65H 67/069** (2013.01); **B65H 67/086** (2013.01); **B65H 2701/31** (2013.01)

Citation (examination)

- JP S4834505 Y1 19731018
- JP S4841099 B1 19731204
- JP S4930621 U 19740316
- JP S5245048 U 19770330

Cited by

CN106939453A

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

DOCDB simple family (publication)

EP 2573029 A2 20130327; **EP 2573029 A3 20140827**; **EP 2573029 B1 20161102**; CN 103010847 A 20130403; CN 103010847 B 20170616; JP 2013067485 A 20130418

DOCDB simple family (application)

EP 12184192 A 20120913; CN 201210348917 A 20120914; JP 2011206666 A 20110921