

Title (en)

YARN WINDING DEVICE AND YARN JOINING METHOD

Title (de)

GARNWICKLUNGSVORRICHTUNG UND GARNVERBINDUNGSVERFAHREN

Title (fr)

DISPOSITIF DE BOBINAGE DE FIL ET PROCÉDÉ D'ASSEMBLAGE DE FIL

Publication

**EP 3312117 B1 20190814 (EN)**

Application

**EP 17196775 A 20171017**

Priority

JP 2016205406 A 20161019

Abstract (en)

[origin: EP3312117A1] A yarn winding device (1) includes a winding unit (2) having a yarn joining device (22) and a yarn accumulating device (30) arranged between a yarn supplying section (10) and a winding section (40). The winding unit (2) includes a guiding mechanism (7) that guides a yarn from a package to the yarn joining device (22) after passing the yarn through the yarn accumulating device (30) when the yarn has become discontinuous between the package and the yarn accumulating device (30), and a doffing device (3) includes a yarn transferring mechanism (8) that guides to the guiding mechanism (7) the yarn from the package that is rotating in a reverse direction that is opposite of a direction when winding the yarn when the yarn has become discontinuous between the package and the yarn accumulating device (30).

IPC 8 full level

**B65H 54/26** (2006.01); **B65H 51/22** (2006.01); **B65H 67/04** (2006.01); **B65H 67/08** (2006.01)

CPC (source: CN EP)

**B65H 51/22** (2013.01 - EP); **B65H 54/26** (2013.01 - EP); **B65H 67/04** (2013.01 - CN); **B65H 67/0422** (2013.01 - EP); **B65H 67/08** (2013.01 - CN); **B65H 67/081** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN EP)

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DOCDB simple family (publication)

**EP 3312117 A1 20180425**; **EP 3312117 B1 20190814**; CN 107963518 A 20180427; CN 107963518 B 20210209; JP 2018065659 A 20180426

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