

Title (en)

CORE YARN SUPPLYING DEVICE, SPINNING MACHINE, AND METHOD OF SUPPLYING CORE YARN

Title (de)

CORE-GARNZUFÜHRVORRICHTUNG, SPINNMASCHINE UND VERFAHREN ZUM ZUFÜHREN VON CORE-GARN

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ALIMENTATION DE FIL COMPOSÉ D'UNE ÂME ET MACHINE DE FILAGE

Publication

**EP 3040458 B1 20170823 (EN)**

Application

**EP 15186903 A 20150925**

Priority

JP 2014239839 A 20141127

Abstract (en)

[origin: EP3040458A1] A core yarn supplying unit (51) includes a tension applying section (70) adapted to apply tension to a core yarn (C); a slack applying section (80) adapted to apply slack to the core yarn (C); a core yarn feeding unit (100) adapted to feed the core yarn (C) at downstream of the tension applying section (70) and the slack applying section (80) in a travelling direction of the core yarn (C); and a detecting section (90) adapted to detect status of the core yarn (C) at upstream of the tension applying section (70) in the travelling direction of the core yarn C.

IPC 8 full level

**D01H 13/04** (2006.01); **D02G 3/36** (2006.01)

CPC (source: EP)

**B65H 51/20** (2013.01); **B65H 59/32** (2013.01); **D01H 13/04** (2013.01); **D02G 3/367** (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP4015683A1; US11926934B2

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**EP 3040458 A1 20160706; EP 3040458 B1 20170823**; CN 105648584 A 20160608; CN 105648584 B 20190510; JP 2016102268 A 20160602

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**EP 15186903 A 20150925**; CN 201510706967 A 20151027; JP 2014239839 A 20141127