

Title (en)

FIBER BUNDLE FEED STOPPING DEVICE FOR SPINNING FRAME

Title (de)

FASERBÜNDELZUFÜHRSTOPPVORRICHTUNG FÜR SPINNRAHMEN

Title (fr)

DISPOSITIF D'ARRÊT D'ALIMENTATION DE FAISCEAU DE FIBRES POUR MÉTIER À TISSER

Publication

EP 3115489 A1 20170111 (EN)

Application

EP 16175183 A 20160620

Priority

JP 2015136912 A 20150708

Abstract (en)

A fiber bundle feed stopping device for a spinning frame. The fiber bundle feed stopping device stops feeding a drafting device with a fiber bundle and is provided with an untwisting mechanism including a fiber bundle guide and teeth. The fiber bundle guide is located at an upstream side of a back roller of the drafting device in a feed direction of the fiber bundle to guide the fiber bundle to the back roller. The teeth are arranged next to one another in a direction intersecting the feed direction of the fiber bundle. The teeth pierce the fiber bundle to an intermediate part of the fiber bundle without extending out of the fiber bundle in a state in which the fiber bundle guide regulates where the fiber bundle is positioned.

IPC 8 full level

D01H 13/18 (2006.01)

CPC (source: CN EP)

D01H 13/04 (2013.01 - CN); **D01H 13/188** (2013.01 - CN EP)

Citation (applicant)

JP S484727 A

Citation (search report)

- [XY] US 1305540 A 19190603
- [X] US 2734335 A 19560214
- [Y] US 1103329 A 19140714 - VALES EDWARD J [US]
- [A] GB 476170 A 19371129 - FAIRBAIRN LAWSON COMBE BARBOUR, et al

Cited by

CN110344144A

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 3115489 A1 20170111; **EP 3115489 B1 20201223**; CN 106337223 A 20170118; CN 106337223 B 20181207; ES 2854423 T3 20210921; JP 2017020123 A 20170126; JP 6332175 B2 20180530

DOCDB simple family (application)

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