

Title (en)

Fiber bundle collecting device for a spinning machine

Title (de)

Faserbündelungsvorrichtung für eine Spinnmaschine

Title (fr)

Dispositif de collecte de faisceaux de fibres pour fileuse

Publication

EP 1911865 A3 20091111 (EN)

Application

EP 07118226 A 20071010

Priority

JP 2006277714 A 20061011

Abstract (en)

[origin: EP1911865A2] A fiber bundle collecting device (11) for a spinning machine collects a fiber bundle (F) drafted by a draft part (12) of the spinning machine. The fiber bundle collecting device (11) includes a delivery portion (14), a suction pipe (15), an apron guide (17) and an air-permeable apron (16). The apron guide (17) is adapted to guide the apron (16) so that the apron travels along a path spaced away from a nip roller (18a) of the delivery portion on the side of the nip roller (18a) opposite to part of the nip roller (18a) which guides the fiber bundle. The apron guide (17) is also adapted to guide the apron (16) along a plane on the side of the apron guide (17) where the apron (16) is wound.

IPC 8 full level

D01H 5/86 (2006.01); **D01H 5/72** (2006.01)

CPC (source: EP)

D01H 5/26 (2013.01); **D01H 5/72** (2013.01); **D01H 5/86** (2013.01)

Citation (search report)

- [DA] JP 2004100094 A 20040402 - TOYOTA IND CORP
- [A] DE 19962158 A1 20010628 - STAHLLECKER FRITZ [DE]
- [A] GB 1574928 A 19800910 - TSUKUMO Z, et al
- [A] GB 841583 A 19600720 - SPINTEX SPINNEREI MASCHB G M B

Cited by

CN112481756A; WO2015019244A3; DE202014011567U1; ITBS20130120A1; EP3754063A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1911865 A2 20080416; EP 1911865 A3 20091111; EP 1911865 B1 20120606; CN 101270516 A 20080924; CN 101270516 B 20101222; JP 2008095233 A 20080424; JP 4844336 B2 20111228

DOCDB simple family (application)

EP 07118226 A 20071010; CN 200710192975 A 20071010; JP 2006277714 A 20061011