Title (en)

Method for calculating the linear weight of a ribbon and spinning preparation machine

Title (de)

Verfahren zur Ermittlung des längenbezogenen Bandgewichts eines Faserbandes sowie Spinnereivorbereitungsmaschine

Title (fr)

Procédé de détermination du poids lineaire d'un ruban de fibres et machine de préparation de filature

Publication

EP 2034059 A3 20110727 (DE)

Application

EP 08163452 A 20080902

Priority

DE 102007042670 A 20070910

Abstract (en)

[origin: EP2034059A2] The method involves storing a fiber band (FB) after leaving a spinner preparation machine i.e. drawing frame (1). Weight and length of the stored fiber band are determined, and a length related band weight of the fiber band is determined. A storage device is provided for receiving the fiber band. A can i.e. spinning can (17), is utilized as the storage device. The weight of the fiber band is determined from the difference of the empty weight of the storage device and the total weight of the storage device including the fiber band. An independent claim is also included for a spinner preparation machine i.e. drawing frame.

IPC 8 full level

D01G 31/00 (2006.01); D01H 5/00 (2006.01); D01H 13/26 (2006.01); D01H 13/32 (2006.01)

CPC (source: EP)

D01G 31/00 (2013.01); D01H 5/00 (2013.01); D01H 13/24 (2013.01); D01H 13/26 (2013.01); D01H 13/32 (2013.01)

Citation (search report)
- [X] DE 4029172 A1 19910328 - SUPERBA SA [FR]
- [X] US 2004025303 A1 20040212 - DAMMIG JOACHIM [DE], et al
- [X] US 4526095 A 19850702 - REWITZER SIEGFRIED [DE]
- [X] US 4179773 A 19791225 - SAVAGEAU RICHARD J [US]
- [A] DE 6931296 U 19691204 - ZWICK & CO K G [DE]

Cited by

CN102747473A; CN102747471A; WO2021149073A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2034059 A2 20090311; **EP 2034059 A3 20110727**; **EP 2034059 B1 20121219**; CN 101387021 A 20090318; CN 101387021 B 20111019; DE 102007042670 A1 20090312

DOCDB simple family (application)

EP 08163452 A 20080902; CN 200810214383 A 20080905; DE 102007042670 A 20070910