

Title (en)

YARN CLEARER AND SPINNING STATION, EQUIPPED THEREWITH, OF A SPINNING MACHINE, AND METHOD FOR OPERATING A SPINNING STATION

Title (de)

GARNREINIGER SOWIE DAMIT AUSGERÜSTETE SPINNSTELLE EINER SPINNMASCHINE SOWIE VERFAHREN ZUM BETRIEB EINER SPINNSTELLE

Title (fr)

ÉPURATEUR DE FIL ET POSTE DE FILAGE D'UN MÉTIER À FILER ÉQUIPÉ DUDIT ÉPURATEUR, AINSI QUE PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN POSTE DE FILAGE

Publication

**EP 3052416 A1 20160810 (DE)**

Application

**EP 14777643 A 20141001**

Priority

- DE 102013110897 A 20131001
- EP 2014071055 W 20141001

Abstract (en)

[origin: WO2015049293A1] The invention relates to a spinning station (1) of a spinning machine, wherein the spinning station (1) has a spinning means (2) for producing a yarn (3) from a sliver (4) fed to the spinning means (2), wherein the spinning station (1) has a winding apparatus (20) for winding the yarn (3) onto a package (16), said winding apparatus (20) being arranged downstream of the spinning means (2) in a transport direction of the yarn (3), wherein the spinning station (1) has a yarn clearer (5) arranged between the spinning means (2) and the winding apparatus (20), the yarn being monitorable for yarn defects with the aid of said yarn clearer (5), and wherein the spinning station (1) is assigned a controller (6) which is configured to interrupt the production of the yarn (3) if a defined yarn defect is detected. The invention proposes that the spinning station (1) has an information unit (7) with the aid of which it is possible to display to an operator of the spinning station (1) how much yarn (3) has to be at least unwound from the package (16) located in the winding apparatus (20) following the interruption to the yarn production in order to ensure that the yarn section having the yarn defect has been completely removed from the package (16). Furthermore, a yarn clearer and a method for operating a spinning station are proposed.

IPC 8 full level

**B65H 63/036** (2006.01); **B65H 63/06** (2006.01); **D01H 4/50** (2006.01); **D01H 13/22** (2006.01)

CPC (source: EP US)

**B65H 63/036** (2013.01 - EP US); **B65H 63/062** (2013.01 - EP US); **D01H 4/50** (2013.01 - EP US); **D01H 13/22** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

See references of WO 2015049293A1

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)

**WO 2015049293 A1 20150409**; CN 105492356 A 20160413; CN 105492356 B 20190507; EP 3052416 A1 20160810; EP 3052416 B1 20180328; TR 201807072 T4 20180621; US 10246292 B2 20190402; US 2016221790 A1 20160804

DOCDB simple family (application)

**EP 2014071055 W 20141001**; CN 201480048179 A 20141001; EP 14777643 A 20141001; TR 201807072 T 20141001; US 201415026556 A 20141001