

Title (en)

Workstation of a textile machine for creating cross-wound spools

Title (de)

Arbeitsstelle einer Kreuzspulen herstellenden Textilmaschine

Title (fr)

Poste de travail d'une machine textile fabriquant des bobines croisées

Publication

EP 2824054 B1 20170322 (DE)

Application

EP 14002016 A 20140611

Priority

DE 102013011664 A 20130711

Abstract (en)

[origin: CN104276451A] The invention relates to a workstation of a textile machine for creating cross-wound spools. The workstation is provided with a wire suction nozzle. The wire suction nozzle is loaded at a negative pressure to be rotated. The head part of the wire suction nozzle is provided with a suction opening. The suction opening is used for picking up hard wastes already wound onto a winding bobbin within a surface region of the winding bobbin. According to the invention, the workstation is provided with shielding units, (19A, 19B, 19C). The shielding units are arranged below the bottom surface of the wire suction nozzle. When the wire suction nozzle (17) loaded at a negative pressure is positioned in a yarn pick-up device, a suction air flow (SLSu) in the suction opening (18), flowing into the wire suction nozzle (17) from below, is generated below the wire suction nozzle (17).

IPC 8 full level

B65H 67/08 (2006.01)

CPC (source: EP)

B65H 67/085 (2013.01); **B65H 2701/31** (2013.01)

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

DOCDB simple family (publication)

EP 2824054 A1 20150114; **EP 2824054 B1 20170322**; CN 104276451 A 20150114; CN 104276451 B 20180202;
DE 102013011664 A1 20150115; IN 2194MU2014 A 20151009; JP 2015016989 A 20150129; JP 6465575 B2 20190206

DOCDB simple family (application)

EP 14002016 A 20140611; CN 201410326858 A 20140710; DE 102013011664 A 20130711; IN 2194MU2014 A 20140707;
JP 2014142898 A 20140711