

Title (en)

Method and apparatus for pneumatically removing a broken yarn end from the winding of a yarn winding member.

Title (de)

Verfahren und Vorrichtung zum pneumatischen Ablösen eines gebrochenen Fadenendes vom Windungskegel eines Fadenwicklungskörpers.

Title (fr)

Procédé et dispositif pour la séparation pneumatique d'une extrémité d'un fil cassé de l'enroulement d'une bobine.

Publication

EP 0417618 B1 19940622 (DE)

Application

EP 90117036 A 19900905

Priority

DE 3930935 A 19890915

Abstract (en)

[origin: EP0417618A2] The invention relates to a method and devices for pneumatically removing a broken yarn end from the wound cone 4 of a yarn-winding body 3 or from the tube 2 carrying the yarn-winding body, in the region of the ring rail 5 of a spinning machine, by means of at least one yarn-end blow-off nozzle 6. According to the invention, the activation of the nozzle 6 takes place not as a function of the position of the ring rail 5, but as a function of the position of the wound cone 4. The removal of the yarn end is further improved by providing a further nozzle 22 directed at the upper end of the tube 2 carrying the yarn-winding body 3. <IMAGE>

IPC 1-7

B65H 67/08; **D01H 15/00**

IPC 8 full level

B65H 67/08 (2006.01); **D01H 13/16** (2006.01); **D01H 15/00** (2006.01)

CPC (source: EP)

B65H 67/08 (2013.01); **D01H 15/00** (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP0534186A1; EP4249655A1

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

EP 0417618 A2 19910320; **EP 0417618 A3 19910717**; **EP 0417618 B1 19940622**; DE 3930935 A1 19910328; DE 59006203 D1 19940728; JP H03124826 A 19910528

DOCDB simple family (application)

EP 90117036 A 19900905; DE 3930935 A 19890915; DE 59006203 T 19900905; JP 24284490 A 19900914