

Title (en)

Apparatus and method for preparing and supplying cleaned textile fibres to a textile-processing machine

Title (de)

Vorrichtung und Verfahren zum Vorbereiten und zum Speisen gereinigter Textilfasern in eine Textilverarbeitungsmaschine

Title (fr)

Appareil et procédé pour préparer des fibres textiles nettoyées et en alimenter une machine textile

Publication

EP 0361276 B1 19960214 (DE)

Application

EP 89117279 A 19890919

Priority

US 25219188 A 19880930

Abstract (en)

[origin: US4864693A] A textile fiber preparation feed system and method are disclosed in which processed textile fibers from a blender (A) are delivered to a flow-through textile cleaner (B) and then directed to a vertical chute feed (C). An air stream conveys the fibers from blender (A) to chute feed (C) across cleaning rollers (34, 36) of cleaner (B) without a nip feed providing increased cleaning efficiency. Control system (60) continues operation of top feed roll (52) after termination of carding machine (14) and discharge of fiber batt (12) from the chute feed to purge excess fibers in the air stream. In this manner, accumulation of the excess fibers in a fiber column (F) above top feed roll is prevented which would block air exit (50) and choke down top feed roll (52) upon resumption of the carding machine or fiber batt discharge.

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CPC (source: EP US)

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Cited by

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US 4864693 A 19890912; DE 58909605 D1 19960328; EP 0361276 A2 19900404; EP 0361276 A3 19910703; EP 0361276 B1 19960214; JP H02112420 A 19900425

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