

Title (en)

Method and apparatus for sequentially feeding sliver to drawing frame from fresh full can in continuous spinning system.

Title (de)

Verfahren und Vorrichtung zum aufeinanderfolgenden Zuführen eines Faserbandes von einer neuen vollen Spinnkanne zu einem Streckwerk einer kontinuierlich arbeitenden Spinnvorrichtung.

Title (fr)

Procédé et dispositif pour introduire consécutivement une mèche d'un nouveau pot de filature plein à un banc d'étirage dans un système de filature continue.

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Application

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Priority

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Abstract (en)

A system for sequentially feeding a fresh sliver in a can delivered from a first drawing frame (1) to a second drawing frame (2), both of which frames (1, 2) are connected by an automatic can-exchanger (4). When a full can (7) is doffed from the first drawing frame (1), a front end of a sliver (31) is searched and held by a suction nozzle (13) and transferred to a pair of nip rollers (25, 28). The nip rollers (25, 28) are reversely rotated so that the nipped length of the sliver (31) becomes short and, then, are displaced toward a pair of feed roller (29A, 20B) of the second drawing frame (2) while nipping the sliver (31) therebetween. An auto-leveler is incorporated in the second drawing frame (2) for equalizing a pieced portion between fresh and old slivers.

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IPC 8 full level

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CPC (source: EP)

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