

Title (en)

METHOD AND APPARATUS FOR SEQUENTIALLY FEEDING SLIVER TO DRAWING FRAME FROM FRESH FULL CAN IN CONTINUOUS SPINNING SYSTEM

Publication

EP 0212979 B1 19891025 (EN)

Application

EP 86306499 A 19860821

Priority

JP 18796985 A 19850826

Abstract (en)

[origin: EP0212979A2] 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.

IPC 1-7

B65H 67/04; D01H 5/00; D01H 9/00

IPC 8 full level

D01H 5/00 (2006.01); **D01H 9/00** (2006.01)

CPC (source: EP)

D01H 5/005 (2013.01); **D01H 9/008** (2013.01)

Cited by

US5586641A; EP0333970A1; US4982563A; EP0472962A1; EP0493344A1; GB2316417A; GB2316417B; US6024206A; GB2280910A; GB2280910B

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0212979 A2 19870304; EP 0212979 A3 19871209; EP 0212979 B1 19891025; DE 3666595 D1 19891130; JP H0663144 B2 19940817; JP S6245729 A 19870227

DOCDB simple family (application)

EP 86306499 A 19860821; DE 3666595 T 19860821; JP 18796985 A 19850826