

Title (en)

Transport and storage system for spinning cans

Title (de)

Transport- und Lagersystem für Spinnkannen

Title (fr)

Système de transport et de stockage pour pots de filature

Publication

EP 0869206 A3 19990526 (DE)

Application

EP 98105818 A 19980331

Priority

DE 19713859 A 19970404

Abstract (en)

[origin: EP0869206A2] The assembly for the movement and storage of rectangular sliver cans (1), between processing machines, has a storage zone (6) with storage spaces (7) for empty cans (8) at each of the first machines (4), and spaces for neighbouring full cans (9) to be taken. A second can store (14) is between the two sets of machines (14,15), with at least one can conveyor system (16) with the capacity to take a row (13) of can groups (11) of empty cans (8) and a can conveyor (16) with the capacity to take a row (13) of can groups (11) of full cans (9). The storage spaces (21) at the second set of machines (15) have a capacity to take the number of cans in a group (11), plus one. A connecting link between the can stores (6,14) and a further link between the other stores (14,21) each forms a can conveyor or moving trolleys which can accommodate one of the groups (11) of empty (8) or full (9) cans. A third conveyor or can change trolleys (26), at the second set of machines (15) has a space occupied by an empty or a full can (8,9) and an empty store space for transport.

IPC 1-7

D01H 9/18

IPC 8 full level

B65G 1/00 (2006.01); **B65H 67/06** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)

D01H 9/185 (2013.01 - EP US)

Citation (search report)

- [X] DE 4429254 A1 19960222 - SCHLAFHORST & CO W [DE]
- [A] EP 0508365 A1 19921014 - SIRA SPA [IT]
- [A] EP 0371417 A1 19900606 - RIETER AG MASCHF [CH]

Cited by

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EP 0869206 A2 19981007; **EP 0869206 A3 19990526**; **EP 0869206 B1 20020306**; DE 19713859 A1 19981015; DE 19713859 C2 20000706; JP H10324463 A 19981208; US 6256973 B1 20010710

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