

Title (en)

Continuous spinning system for connecting a plurality of carding machines with a drawing frame.

Title (de)

Kontinuierliche Spinnanlage zum Anschluss einer Mehrzahl von Karden an eine Streckmaschine.

Title (fr)

Installation de filature continue pour connecter plusieurs machines de cardage à une étireuse.

Publication

EP 0220945 A2 19870506 (EN)

Application

EP 86308253 A 19861023

Priority

JP 24015185 A 19851025

Abstract (en)

A continuous spinning system for connecting a plurality of carding machines (1) with a drawing frame (2) by means of two can-transporting roller conveyors (61, 62) arranged along a row of the carding machines (1) to the drawing frame (2) and a can-feed conveyor (31) arranged upstream of the drawing frame (2) and connected with each of the can transporting roller conveyors (61, 62) in such a manner that a one directional circulating path is formed between the carding machines (1) and the drawing frame (2). A full can (11b) delivered from the respective carding machine (1) is transferred onto the roller conveyor (61) and further to a roller conveyor (62) and finally to a supply position for the drawing frame (2) via the can-feed conveyor (31). An empty can (11a) discharged from the drawing frame (2) is transferred onto the roller conveyor (61) and returned to the respective carding machine (1). A front end of a sliver in the full can newly deposited on the supply position is picked up from the can (11b) and fed to a drafting zone of the drawing frame (2) when one of supply cans (11c) in the supply position is exhausted.

IPC 1-7

B65H 67/04; **D01G 21/00**

IPC 8 full level

D01H 5/00 (2006.01); **B65H 67/04** (2006.01); **D01H 9/00** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP)

B65H 67/0434 (2013.01); **B65H 2701/31** (2013.01)

Cited by

US5272790A; CN105905685A; CN107641854A; US4977738A; CN107675299A; EP0427681A1; EP0410231A1; US5067202A; US5274884A; CN107745997A; CN111910302A; GB2266320A; US5396682A; GB2266320B

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0220945 A2 19870506; **EP 0220945 A3 19890719**; **EP 0220945 B1 19930818**; DE 3688903 D1 19930923; DE 3688903 T2 19940120; JP H0663146 B2 19940817; JP S62104932 A 19870515

DOCDB simple family (application)

EP 86308253 A 19861023; DE 3688903 T 19861023; JP 24015185 A 19851025