

Title (en)

CONTINUOUS SPINNING SYSTEM FOR CONNECTING A PLURALITY OF CARDING MACHINES WITH A DRAWING FRAME

Publication

EP 0220945 B1 19930818 (EN)

Application

EP 86308253 A 19861023

Priority

JP 24015185 A 19851025

Abstract (en)

[origin: EP0220945A2] 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

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IPC 8 full level

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Cited by

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

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