

Title (en)

METHOD AND APPARATUS FOR REMOVING WASTE YARN FROM A BOBBIN USED IN TEXTILE MACHINES

Publication

EP 0318435 B1 19921014 (DE)

Application

EP 88810808 A 19881125

Priority

CH 464387 A 19871127

Abstract (en)

[origin: EP0318435A1] To remove the thread waste (11) on a yarn carrier (7), the latter is clamped in a loading station (A) of the device between a take-up cone (6) and a pressing cone (8) arranged on a carriage (3) which slides to and fro on a carriage guide (1). During this movement, the yarn carrier (7) first passes through a cutting station (B) in which the thread waste (11) on the yarn carrier (7) is cut by blades (13) arranged on a blade head (12). During the subsequent movement of the yarn carrier (7), the pressing cone (8) is detached from the latter and the take-up cone (6) is set in rotation by a drive pulley (10) connected to a drive. The rotating yarn carrier (7) passes through a stripping station (C) into which compressed air is blown obliquely to the yarn carrier (7) through compressed air nozzles (15) arranged on a blower (14). The cut thread waste (11) is stripped and sucked through a suction channel (16). In a subsequent ejection station (D), the yarn carrier (7) is thrust away from the take-up cone (6) by an ejection cylinder (17) and the carriage (3) returns to the loading station (A) to begin a new work cycle.

IPC 1-7

B65H 73/00; **D01H 1/38**

IPC 8 full level

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Cited by

EP0410016A1; CN103159086A; EP0401827A1; CN103572478A; CN102795515A; EP0401828A1; CN112707252A; US5311732A; AT401395B; CN103183256A

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