Title (en)

RING SPINNING FRAME COMPRISING A TRAVELLING CLEANER AND A LINT REMOVING MECHANISM

Title (de)

RINGSPINNMASCHINE MIT WANDERREINIGER UND UNTERWINDERESTENTFERNER

Title (fr)

MÉTIER CONTINU À FILER COMPRENANT UN NETTOYEUR MOBILE ET DES NETTOYEURS DE RÉSIDUS DE SOUS-RENVIDAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007082699A1] The aim of the invention is to simplify the control of the interdependent working processes of a ring spinning frame and a travelling cleaner (9) that is allocated to said frame, in terms of equipment and function. To achieve this, the control of the travelling cleaner is integrated into the control device (7) of the ring spinning frame, obviating the need for a separate control device in the travelling cleaner. This is particularly advantageous if both rows of spindles (6) in the ring spinning frame are equipped with lint removing mechanisms (22), designed to eliminate the lint that is detached from the underwinding regions (21). The travelling cleaner (9) is provided with a suction device comprising suction openings (28), which lie opposite the lint removing mechanisms and into which the lint is sucked. The synchronous motion of the travelling cleaner (9) and the lint removing mechanism (22) must thus be guaranteed. This is particularly easy to achieve, if the motion of both or all three units is controlled by the same control device, i.e. the ring spinning frame. Benefits can be obtained even if the control of only one travelling cleaner (8) is integrated into the control (7) of a ring spinning frame or a slubbing frame.

IPC 8 full level

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