

Title (en)

Dust collecting and processing system in textile machine

Title (de)

Staubsammel- und verarbeitungssystem in einer Textilmaschine

Title (fr)

Système de collecte et de traitement de la poussière dans une machine textile

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Application

EP 08016287 A 20080916

Priority

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Abstract (en)

The present invention provides a dust collecting and processing system that sucks and collects fly waste generated during operation of a spinning machine or the like. In the dust collecting and processing system, a centrifugal separator is applied to a fly waste sucking section to prevent a possible variation in suction force and to reduce a machine frame size and power consumption. The dust collecting and processing system includes a large number of units (U) arranged in a machine frame (Ma) in one direction and each including a fly waste suction line (1) that sucks fly waste or the like, and a fly waste separating means (4) for separating the fly waste from suction air. The dust collecting and processing system sucks the fly waste generated during operation of each of the units (U) for separating and collecting the fly waste or like. The fly waste separating means (4) is provided for the fly waste suction line (1) in association with at least one unit (U). The fly waste separating means (4) includes a centrifugal separator (6). The centrifugal separator (6) separates and sucks the fly waste so that the separated fly waste is collected in a dust collecting section (31) via a fly waste conveying means (4).

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CPC (source: EP)

D01H 11/00 (2013.01); **D01H 11/005** (2013.01)

Citation (search report)

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