Title (en)

Method and device in a paper machine or in a finishing device of same for cllecting and removing of dust that is separated from the web.

Title (de)

Verfahren und Vorrichtung zum Sammeln und Entfernen von von einer Papierbahn abgetrennendem Staub, für eine Papierherstellungs- oder Papierveredelungsmaschine.

Title (fr)

Méthode et dispositif pour l'enlèvement et la collection de poussière séparée d'une bande pour une machine à papier ou une machine de finition du papier.

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Application

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Abstract (en)

[origin: EP0682992A2] The invention concerns a method in a paper machine or in a finishing device of same, in particular in a slitter-winder, for collecting and removing of dust (D) and equivalent that are separated from the web (W), in which method a blowing (P1) is directed at the web (W), which separates dust (D) from the web (W), and in which method a suction effect (I1,I2) is applied to the web (W) so as to remove the separated dust (D) out of connection with the web (W). In the method, a high-pressure blowing (P1) is directed at the web (W) so as to separate the dust (D) from the web (W), and in the method, in the running direction (S) of the web (W), before and after said high-pressure blowing (P1), the dust and equivalent separated from the web (W) are sucked off. Further, the invention concerns a device in a paper machine or in a finishing device of same, in particular in a slitter-winder, for collecting and removing of dust (D) and equivalent that are separated from the web (W). The device (10) comprises a pressurized chamber space (11), in which there is a nozzle opening (12) for application of a blowing (P1) to the web (W) and a suction opening/openings (13,23) for removing the dust (D) present in connection with the web (W). The air chamber (11) in the device (10) is pressurized, a high-pressure blowing (P1) being fitted to be blown through the nozzle opening (12) of said air chamber (11) towards the web (W), and that the suction openings (13,23) of the device (10) are placed before and after said nozzle opening (12) in the running direction (S) of the web (W). <IMAGE>

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B08B 5/02; B08B 5/04

IPC 8 full level

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