

Title (en)

METHOD AND APPARATUS FOR REMOVING DUST PARTICLES FROM A RELATIVELY MOVING MATERIAL WEB

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTFERNEN VON STAUBPARTIKELN VON EINER RELATIV BEWEGTEN MATERIALBAHN

Title (fr)

PROCEDE ET DISPOSITIF POUR L'ENLEVEMENT DE PARTICULES DE POUSSIERE SUR UNE BANDE DE MATERIAU EN MOUVEMENT RELATIF

Publication

EP 0789635 B1 19990811 (DE)

Application

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Abstract (en)

[origin: WO9607490A1] The disclosed process is based on new developments concerning the design of dusting devices. By using a gas or air stream, the corresponding flow energy that causes a discharge effect (according to Paschen's law) may be directly applied on the surface of the material. A special profile or flow deflecting means cause at the same time a sucking effect and the removal of dust particles. The whole dusting device may be very compact and maintenance costs are reduced to an absolute minimum.

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