

Title (en)

Process and plant for the treatment of coating colour during the application to a paper web

Title (de)

Verfahren und Anlage zum Behandeln von Streichfarbe beim Auftrag auf eine Papier-Bahn

Title (fr)

Procédé et installation de traitement de couleur d'enduction sur une bande de papier

Publication

**EP 0731213 A2 19960911 (DE)**

Application

**EP 96103246 A 19960302**

Priority

DE 19508178 A 19950309

Abstract (en)

A process for handling dye during the coating of paper web has the following steps: feeding of dye; its intermediate storage and application of partial vacuum while stored; filtering; transport of dye in greater excess to that needed to coat the web; coating the web with dye, and return of the excess dye to the intermediate store. Also claimed is plant for implementing the process comprising a vacuum container (3) with a driven rotary mixer (6); a conduit (2) discharging from the container for the supply of dye; a vacuum pipe (9) opening into the container for the prodn. and maintenance of the partial vacuum; a flow pipe (12) discharging from the container and passing through a filter (14); dye coating appts. (15) connected to the flow pipe for the application of dye to the web (18) and: a return conduit (16) connecting the coating appts. to the container.

Abstract (de)

Die in einer Streichfarben-Auftragseinrichtung (15) auf eine Papier-Bahn (18) aufzubringende Streichfarbe wird mit hohem Überschuß im Kreis über einen Vakuum-Misch-Behälter (3) geführt, der mit Teil-Vakuum beaufschlagbar ist, wodurch eine gute Entlüftung der Streichfarbe bewirkt wird.  
<IMAGE>

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IPC 8 full level

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CPC (source: EP)

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