

Title (en)

Apparatus for the direct application of a liquid or pasty medium on a continuously moving material web

Title (de)

Vorrichtung zum direkten Auftragen eines flüssigen oder pastösen Mediums auf eine laufende Materialbahn

Title (fr)

Dispositif pour l'application direct d' un medium liquide ou pateux sur une bande de materiel en mouvement continu

Publication

**EP 1621669 A1 20060201 (DE)**

Application

**EP 05105173 A 20050614**

Priority

DE 102004037214 A 20040730

Abstract (en)

A paper scraper blade assembly applies a coating of e.g. pigment to the surface of a moving web (2) as it moves around a revolving drum. The web feeds to the drum (3) via a roller (8) and joins the drum surface (3a) at a tangent in a wedge-shaped gusset zone (Z(E) with a full-width screen (6). The combined screen and scraper blade (6) is thin, of constant thickness and has coating of e.g. of PTFE. The screen is fitted e.g. to a coating station receiving a 10 m + wide paper web.

IPC 8 full level

**D21H 23/00** (2006.01); **B05C 11/04** (2006.01); **D21F 7/00** (2006.01); **D21H 23/34** (2006.01)

CPC (source: EP)

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Citation (search report)

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