

Title (en)

Device for applying directly or indirectly a liquid or pasty suspension onto paper or board webs

Title (de)

Vorrichtung zum direkten oder indirekten Auftragen von flüssigen bis pastösen Suspensionen auf Papier- oder Kartonbahnen

Title (fr)

Dispositif pour appliquer directement ou indirectement une suspension liquide ou pateuse sur une bande de papier ou carton

Publication

**EP 1496155 B1 20100324 (DE)**

Application

**EP 04013297 A 20040605**

Priority

DE 10331145 A 20030709

Abstract (en)

[origin: EP1496155A2] An assembly directly or indirectly applies a coating of liquid or paste to a fast-moving web of paper or carton. The liquid or paste is dispensed by a block of diffuser jets (3) with rectangular outlets directed at a revolving drum (9). Each jet is separated from the adjacent jet by a gusset (4) and discharges towards a revolving transfer drum (9) that is in contact with a revolving doctor (11) in contact with the drum. The assembly has a feed tube (2) extending the full width of the drum. The assembly has an overflow gap (8) in the vicinity of the diffuser block (6) that drains to a recovery tray. If the adhesive coating process is indirect, the glue is applied to the transfer drum (9) and from here to a press gap where it is applied to the paper or carton web.

IPC 8 full level

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CPC (source: EP)

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