

Title (en)

Device for applying a liquid or paste-like medium to a moving web

Title (de)

Vorrichtung zum Aufbringen eines flüssigen bis pastösen Mediums auf einen laufenden Untergrund

Title (fr)

Dispositif pour appliquer une substance liquide ou pateuse sur un substrat en mouvement

Publication

EP 1624107 A1 20060208 (DE)

Application

EP 05105855 A 20050630

Priority

DE 102004037534 A 20040803

Abstract (en)

An assembly applies a liquid or paste coating to a moving web from a jet (4) mounted on a horizontal beam (3) that also holds a doctor blade (5.2) against the moving web (2). The web moves around a rotating drum (1) that is supported by two side-arms (6.2) resting on a fulcrum (6.1) base (6.3). The coating jet (4) traverses the width of the beam (3) and drum (1) as required. The jet (4), beam (3) and doctor blade (5.2) form a rigid unit. The beam (3) is of circular cross section.

IPC 8 full level

D21H 25/10 (2006.01); **D21H 23/32** (2006.01)

CPC (source: EP)

D21H 23/32 (2013.01); **D21H 25/10** (2013.01)

Citation (search report)

- [A] EP 0781608 A2 19970702 - VALMET CORP [FI]
- [AD] DE 19649559 A1 19980604 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] DE 4432179 C1 19950921 - VOITH GMBH J M [DE]
- [A] US 5702760 A 19971230 - KUSTERMANN MARTIN [DE]
- [A] US 3128207 A 19640407 - JOSEPH SCHMITT ARNOLD
- [A] DE 9421631 U1 19960418 - JAGENBERG PAPIERTECH GMBH [DE]
- [A] DE 19527902 A1 19970130 - JAGENBERG PAPIERTECH GMBH [DE]
- [A] DE 3540402 A1 19870521 - VOITH GMBH J M [DE]

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