

Title (en)
Curtain coating apparatus

Title (de)
Vorhangauftragswerk

Title (fr)
Dispositif de revêtement par rideau

Publication
EP 2409781 B1 20141015 (DE)

Application
EP 11173624 A 20110712

Priority
DE 102010031556 A 20100720

Abstract (en)
[origin: EP2409781A1] Curtain-application unit (1) for coating e.g. a moving paper- or other fibrous web with at least one liquid to pasty application medium by a machine for producing and/or processing, comprises: a machine-operated curtain applicator head (3) arranged above the fibrous web with an application medium-distributing chamber (4); an outlet opening (5) to discharge the medium; a curtain (7) falling down due to the gravity of the web; and at least one collecting channel located at least below the edges of the web to collect the application medium and/or its parts emerging via the edges of the web. Curtain-application unit (1) for coating a moving paper-, cardboard- or other fibrous web with at least one liquid to pasty application medium by a machine for producing and/or processing, comprises: a machine-operated curtain applicator head (3) arranged above the fibrous web with an application medium-distributing chamber (4); an outlet opening (5) for discharging the application medium in the form of a single- or multiple layers; a curtain (7) falling down due to the gravity of the fibrous web; and at least one collecting channel located at least below the edges of the fibrous web to collect the application medium and/or its parts emerging via the edges of the fibrous web, where the collecting channel is optionally associated with a collecting plate located below the fibrous web, and the collecting plate is applied with a cooling fluid. An independent claim is also included for a collecting device for an application medium thrown off from the edge of the curtain during its coating by the machine for producing and/or processing the moving paper-, cardboard- or other fibrous web.

IPC 8 full level
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CPC (source: EP)
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