

Title (en)

Apparatus for coating paper or cardboard webs

Title (de)

Auftragswerk zum Beschichten von Bahnen aus Papier oder Karton

Title (fr)

Dispositif pour l'enduction des bandes de papier ou carton

Publication

EP 0561155 B1 19970521 (DE)

Application

EP 93102113 A 19930211

Priority

DE 4208897 A 19920319

Abstract (en)

[origin: US5885350A] The invention concerns an applicator mechanism for the coating of running webs of paper or cardboard, with an applicator chamber which carries at least 0.01 bar of pressure, is formed on a roll and defined in running direction by a doctor element on the trailing side of the coating chamber with respect to the direction of movement of the outer surface of the web or roll, and a barrier wall disposed at the leading side of the coating chamber with respect to the movement of the outer surface of the roll or web. The barrier wall of the inventive coating applicator includes a foil type or band type blocking element which is resilient in at least one area, or is fashioned as a flexibly retained plate or slat whose chord extends between its free end edge and its mounting backing line, on the backing element and against the inside pressure of the chamber, while at its currently prevailing pattern forming a narrow variable gap with the outer surface of the roll or web, which gap also may approach zero or amount to zero, is arranged at an angle to the surface of the roll or web of between 70 DEG and 105 DEG .

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