

Title (en)

Apparatus for applying a coating to a surface of a substrate.

Title (de)

Vorrichtung zum Auftragen eines Beschichtungsmittels auf einer Substratoberfläche.

Title (fr)

Appareil pour l'application d'un revêtement à la surface d'un substrat.

Publication

EP 0425067 B1 19931020 (EN)

Application

EP 90304154 A 19900418

Priority

JP 12447989 U 19891024

Abstract (en)

[origin: EP0425067A2] An apparatus for applying a coating to a surface of a substrate (2) comprises a feeder (4) for feeding the coating to a predetermined position, a roller (3) for applying the coating onto the surface of the substrate (2) and a doctor (10) for regulating the thickness of the coating, the doctor (10) having a rake surface (10d), a facing surface (10c) and a flank surface (10b), forming an escape angle (theta 2). The escape angle (theta 2), defined between a tangential plane (13) with which the roller (3) is contacted and an extension plane (11) of the flank surface (10b) at an intersection (12) defined between the extension plane (11) and the roller (3), is an obtuse angle.

IPC 1-7

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CPC (source: EP)

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