

Title (en)

Apparatus and method for applying a liquid to a surface.

Title (de)

Vorrichtung und Verfahren zum Aufbringen einer Flüssigkeit auf eine Oberfläche.

Title (fr)

Appareil et méthode pour appliquer un liquide sur une surface.

Publication

EP 0101280 A1 19840222 (EN)

Application

EP 83304567 A 19830808

Priority

GB 8222864 A 19820809

Abstract (en)

The invention provides apparatus and a method for applying a liquid to a surface. The apparatus comprises a nozzle (1) for directing a continuous stream of drops (5) of uniform size and spacing in a direction to traverse and not impinge on a surface (7) to which the liquid is to be applied, means (8,9) for effecting relative movement between a said stream of drops (5) and a said surface (7) in a direction perpendicular to the direction of travel of the stream of drops, charge electrode means (10) for selectively electrically charging the drops of liquid in said stream, and deflecting means (11 or 11,12) for establishing a steady electric field about the path of travel of said stream of drops for deflecting the electrically charged drops onto said surface.

IPC 1-7

B05B 17/06; **B05B 5/00**; **B41J 3/04**; **B05D 1/04**

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CPC (source: EP US)

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Citation (search report)

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