

Title (en)

Device and method for applying a liquid coating to a surface

Title (de)

Vorrichtung und Verfahren zur Aufbringung eines flüssigen Belags auf eine Oberfläche

Title (fr)

Dispositif et procédé destinés à l'application d'un revêtement liquide sur une surface

Publication

**EP 1872864 B1 20130911 (DE)**

Application

**EP 07012411 A 20070625**

Priority

- DE 102006029764 A 20060627
- DE 102006060397 A 20061220
- DE 102006060398 A 20061220

Abstract (en)

[origin: EP1872864A2] The device (1) has a nozzle (2) and a surface that are moved relatively to each other, where the nozzle applies a fluid (3) on the surface by an air flow (5). A unit produces the air flow, which deflects the fluid between the nozzle and the surface. A collecting unit is provided for collecting the fluid, where the air flow deflects the fluid in the collecting unit. The nozzle distributes a coating composition perpendicular to an application direction over an application breadth. An independent claim is also included for a method for applying a fluid coating on a surface.

IPC 8 full level

**B05B 7/08** (2006.01); **B05B 13/04** (2006.01); **B05D 3/04** (2006.01); **B05D 5/00** (2006.01)

CPC (source: EP)

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