

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 A3 20080910 (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

B05D 3/04 (2006.01)

CPC (source: EP)

B05B 7/0815 (2013.01); **B05B 7/0884** (2013.01); **B05B 13/04** (2013.01); **B05D 3/042** (2013.01); **B05D 5/00** (2013.01); **B05D 1/02** (2013.01)

Citation (search report)

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- [X] EP 0515515 A1 19921202 - NORDSON CORP [US]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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