

Title (en)

Device and procedure for controlling the width and/or the density of a fluid mass

Title (de)

Vorrichtung und Verfahren zum Einstellen der Auftragsbreite und/oder der Auftragsdichte einer fließfähigen Masse

Title (fr)

Procédé et dispositif de régulation de la largeur et/ou de la densité d'une masse liquide

Publication

EP 1749586 A1 20070207 (DE)

Application

EP 05107167 A 20050803

Priority

EP 05107167 A 20050803

Abstract (en)

The device has a nozzle (1) which consists of a nozzle head (2) and two preferably three discharge openings provided in the nozzle head. These openings individually open to adjust the application width or density. Many cams are provided for closing many discharge openings (5). Independent claims are also included for the following: (A) Container for a flowing mass; and (B) System.

IPC 8 full level

B05C 17/005 (2006.01); **B27G 11/00** (2006.01)

CPC (source: EP)

B05C 17/00516 (2013.01); **B05C 17/00596** (2013.01); **B27G 11/005** (2013.01)

Citation (applicant)

DE 8337643 U1 19840329

Citation (search report)

- [XY] WO 2004108302 A1 20041216 - SPENCER ALAN [GB]
- [X] US 5183006 A 19930202 - ROBINSON MAUREEN G [US]
- [Y] WO 2004065023 A1 20040805 - STAEMPFLI PAUL [CH]
- [A] WO 0126824 A1 20010419 - GROSSMAN BRIAN [AU]
- [A] EP 0842747 A1 19980520 - PREMARK RWP HOLDINGS INC [US]
- [A] US 2005051571 A1 20050310 - CARRUTH RONALD SCOTT [US], et al
- [A] GB 1371662 A 19741023 - SPOTNAILS
- [A] US 5540804 A 19960730 - RATERMAN JOHN [US]
- [X] US 3346146 A 19671010 - THOMPSON ROBERT E
- [X] US 4728007 A 19880301 - SAMUELSON BRUCE E [US], et al
- [X] DE 4241114 A1 19940609 - SCHNEIDER FRIEDHELM [DE], et al
- [X] SE 446079 B 19860811 - CARLSSON KJELL

Cited by

CN107405641A; DE202012002829U1; CN107405645A; CN109940900A; GB2511290A; CN110497489A; DE102019111183A1; US9259256B2; US10549308B2; US10070907B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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