

Title (en)

Nozzle apparatus, coating device and coating method

Title (de)

Düsenanordnung, Auftragsvorrichtung sowie Auftragsverfahren

Title (fr)

Arrangement de buses, dispositif d'application et méthode d'application

Publication

**EP 1199108 A3 20031015 (DE)**

Application

**EP 01123714 A 20011004**

Priority

DE 10052280 A 20001020

Abstract (en)

[origin: EP1199108A2] The jet applicator assembly, especially for coating a substrate with an adhesive, has a jet body (35) with at least one fluid channel (34) between the fluid supply and the applicator opening (50). The fluid can flow from the supply, through the channel, and out through the jet opening. The fluid channel has a number of interlinked hollow zones in a structure (52) which is fluid permeable, and extends as far as the channel outlet opening. The permeable structure is a sintered component, inserted separately into the fluid channel opening, of a sintered metal, metal foam, woven metal, and the like.

IPC 1-7

**B05C 5/02**; B05C 11/10; B05B 1/14; A61B 17/00; A45D 40/26

IPC 8 full level

**B05C 1/02** (2006.01); **B05C 5/02** (2006.01); **B05C 1/06** (2006.01)

CPC (source: EP)

**B05C 1/02** (2013.01); **B05C 5/0212** (2013.01); **B05C 5/0225** (2013.01); **B05C 5/0287** (2013.01); **B05C 1/06** (2013.01)

Citation (search report)

- [X] US 5122158 A 19920616 - KURODA MUTHUMI [JP], et al
- [X] GB 688161 A 19530225 - ECLIPSE SPRAYING COMPANY LTD
- [X] US 4657186 A 19870414 - SHAPIRO EUGENE B [US]

Cited by

EP1802191A3; DE102009019192A1; DE102009019192B4; EP2138238A1; EP1681101A1; CN117359078A; WO2016046351A1

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