

Title (en)

SPRAY NOZZLE WITH STATIC MEANS FOR INHIBITING OUTFLOW

Title (de)

ZERSTÄUBUNGSDÜSE MIT STATISCHEM MITTEL ZUR HEMMUNG DER STRÖMUNG

Title (fr)

BUSE DE PULVERISATION A MOYEN STATIQUE D'INHIBITION D'ECOULEMENT

Publication

**EP 1042072 B1 20040630 (FR)**

Application

**EP 98959100 A 19981222**

Priority

- FR 9716748 A 19971224
- IB 9802101 W 19981222

Abstract (en)

[origin: US6371389B1] The invention concerns a spray nozzle comprising a central swirl chamber (1) in which the fluid to be sprayed penetrates by tangential channels (7) producing a swirl axis perpendicular to the longitudinal axis (I-I). The fluid comes out of the swirl chamber (1) through a coaxial outlet passage (4). The nozzle comprises a rear coaxial recess (8) dimensioned and shaped so as to inhibit any residual outflow of fluid through the coaxial outlet passage (4) when the fluid supply is interrupted at the spray nozzle inlet (6).

IPC 1-7

**B05B 1/34**; **B05B 15/02**

IPC 8 full level

**B05B 1/34** (2006.01); **B05B 15/02** (2006.01); **B05B 15/50** (2018.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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