

Title (en)

SPRAY HEAD FOR FLUID PRODUCT COMPRISING A SEAL

Title (de)

SPRÜHKOPF MIT VERSCHLUSSORGAN FÜR FLIESSFÄHIGE MEDIEN

Title (fr)

TETE DE PULVERISATION DE PRODUIT FLUIDE COMPORTANT UN OBTURATEUR

Publication

**EP 1175265 A1 20020130 (FR)**

Application

**EP 00918966 A 20000413**

Priority

- FR 0000954 W 20000413
- FR 9904978 A 19990420

Abstract (en)

[origin: FR2792552A1] The obturator body is generally cylindrical, and fits into a cylindrical blind bore in the nozzle head. The liquid is sprayed through a fine cylindrical bore leading from the flat end of the large-diameter blind bore and the conical part (9) of the obturator may be advanced into the fine bore to block it. The fluid may flow toward the nozzle through channels (6) between longitudinal ribs on the sides of the obturator body, and then may flow through skewed channels (8) in the front face of the obturator body to impart a swirling motion to the liquid.

IPC 1-7

**B05B 11/00**; **B05B 1/34**

IPC 8 full level

**B65D 83/40** (2006.01); **B05B 1/34** (2006.01); **B05B 11/00** (2006.01); **B65D 47/20** (2006.01); **B65D 47/34** (2006.01); **B65D 83/76** (2006.01)

CPC (source: EP US)

**B05B 1/3436** (2013.01 - EP US); **B05B 11/0067** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP US)

Citation (search report)

See references of WO 0062939A1

Cited by

JP2002542019A; TWI720303B

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**FR 2792552 A1 20001027**; **FR 2792552 B1 20020419**; CN 1139433 C 20040225; CN 1347347 A 20020501; DE 60007519 D1 20040205; DE 60007519 T2 20041223; EP 1175265 A1 20020130; EP 1175265 B1 20040102; JP 2002542019 A 20021210; JP 4711517 B2 20110629; US 6722585 B1 20040420; WO 0062939 A1 20001026

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