

Title (en)

COLD GAS SPRAYING METHOD AND DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KALTGASSPRITZEN

Title (fr)

PROCEDE ET DISPOSITIF DE PROJECTION PAR GAZ FROID

Publication

**EP 1390152 A2 20040225 (DE)**

Application

**EP 02799718 A 20020506**

Priority

- DE 10126100 A 20010529
- EP 0204978 W 20020506

Abstract (en)

[origin: US2004166247A1] A cold gas spraying method and device, whereby the sprayed particles are accelerated in a gas flow. A powder tube and an outer nozzle body together form a Laval nozzle that produces high gas flow velocities. The injection of the sprayed particles occurs in the divergent section of the Laval nozzle.

IPC 1-7

**B05B 7/04**; **B05B 7/14**; **C23C 24/04**

IPC 8 full level

**B05B 7/04** (2006.01); **B05B 7/14** (2006.01); **C23C 24/04** (2006.01)

CPC (source: EP US)

**B05B 7/0441** (2013.01 - EP US); **B05B 7/1486** (2013.01 - EP US); **C23C 24/04** (2013.01 - EP US)

Citation (search report)

See references of WO 03041868A2

Cited by

DE102014010439A1; RU2505622C2; EP2974796A3; US11898986B2; EP2974796A2; US11935662B2; US11662300B2

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DOCDB simple family (publication)

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