

Title (en)

SURFACE TREATMENT NOZZLE AND METHOD AND DEVICE FOR SURFACE TREATMENT USING SUCH A NOZZLE

Title (de)

DÜSE ZUR OBERFLÄCHENBEHANDLUNG SOWIE VORRICHTUNG UND VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG MIT EINER SOLCHEN DÜSE

Title (fr)

BUSE DE TRAITEMENT DE SURFACE, ET PROCEDE ET DISPOSITIF DE TRAITEMENT DE SURFACE UTILISANT UNE TELLE BUSE

Publication

**EP 0730498 B1 19980408 (FR)**

Application

**EP 95902800 A 19941125**

Priority

- FR 9401380 W 19941125
- FR 9314190 A 19931126

Abstract (en)

[origin: WO9514536A1] Surface treatment nozzle for projecting solid particles carried along in a pressurized gas stream. Said nozzle comprises a channel having, in the direction of flow of the solid particles, firstly a converging section (6), then a diverging section (7) which opens from the nozzle as an outlet slot (4) and whose cross section is flattened parallel to said outlet slot, at least in the vicinity thereof. The channel cross section varies gradually along its entire length; the converging section (6) comprises an upstream end (5) flattened parallel to the outlet slot, the diverging section having two lateral portions of enlarged cross section (41).

IPC 1-7

**B05B 1/04**; **B24C 5/04**

IPC 8 full level

**B05B 1/04** (2006.01); **B24C 5/04** (2006.01)

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