

Title (en)

Electrode holder and jet nozzle for a powder spray gun that can be operated with high voltage

Title (de)

Elektrodenhalter und Strahldüse für eine mit Hochspannung betreibbare Pulversprühpistole

Title (fr)

Support d'électrode et buse à jet pour un pistolet de pulvérisation de poudre fonctionnant à haute tension

Publication

**EP 2638975 B1 20200226 (DE)**

Application

**EP 12405028 A 20120314**

Priority

EP 12405028 A 20120314

Abstract (en)

[origin: EP2638975A2] The holder (9) has retaining web (23) for holding a high-voltage electrode (11) arranged in a powder channel (10). An annular groove is arranged concentrically with the powder channel and provided and open on the downstream side of the powder channel. A labyrinth for the high voltage is formed by the annular groove and the annular web of a cap nut (6), which locks the electrode holder. An air gap is formed between walls of the annular groove and the web. A snap-in groove is open in the radial direction. Independent claims are also included for the following: (1) a jet nozzle for a powder spray gun (2) a powder spray gun.

IPC 8 full level

**B05B 5/03** (2006.01); **B05B 5/053** (2006.01)

CPC (source: EP US)

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