

Title (en)

Powder spray gun.

Title (de)

Pulversprühpistole.

Title (fr)

Pistolet pulvérisateur pour poudre.

Publication

EP 0154416 A1 19850911 (EN)

Application

EP 85300820 A 19850207

Priority

US 58389884 A 19840227

Abstract (en)

An electrostatic spray gun (10) for spraying solid particulate powder materials while entrained in a gas medium, including an electrically non-conductive housing (11) having an electrode (46) extending forwardly therefrom and a straight electrically non-conductive powder transport tube (7) adjustably and replaceably mounted within the housing so as to enable the discharge end of the tube to be positionably adjusted relative to the electrode (46) or to be replaced with a tube of differing internal diameter so as to vary the transport velocity at which the powder is emitted from the discharge end of the tube.

IPC 1-7

B05B 5/02; **B05B 7/14**

IPC 8 full level

B05B 5/025 (2006.01); **B05B 5/03** (2006.01)

CPC (source: EP)

B05B 5/032 (2013.01)

Citation (search report)

- US 3977607 A 19760831 - KOBAYASHI KUNIO, et al
- DE 2402209 A1 19750731 - MUELLER ERNST KG
- US 4245551 A 19810120 - BERKMANN ADOLF [DE]

Cited by

US7665656B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0154416 A1 19850911; **EP 0154416 B1 19890830**; CA 1245049 A 19881122; DE 3572605 D1 19891005; JP H0659425 B2 19940810; JP S60209277 A 19851021

DOCDB simple family (application)

EP 85300820 A 19850207; CA 473011 A 19850128; DE 3572605 T 19850207; JP 3671585 A 19850227