

Title (en)  
ELECTROSTATIC SPRAY GUN ESPECIALLY FOR POWDERED MATERIAL

Publication  
**EP 0230624 B1 19890920 (DE)**

Application  
**EP 86117697 A 19861218**

Priority  
DE 3601081 A 19860116

Abstract (en)  
[origin: US4765544A] An electrostatic spray gun wherein the barrel is formed by two tubes which define an annular gap for gaseous or pulverulent material. An electrode is installed in the inner tube between the front and rear ends of such tube and has two or more prongs extending outwardly into the gap. The central portion of the electrode has one or more discharging portions in a path for the flow of pulverulent or gaseous material toward a deflector which is releasably mounted at the front end of the inner tube. The electrode is connected with a high-voltage conductor which is mounted in a tubular shield within the inner tube.

IPC 1-7  
**B05B 5/04**

IPC 8 full level  
**B05B 5/025** (2006.01); **B05B 5/03** (2006.01); **B05B 5/04** (2006.01)

CPC (source: EP US)  
**B05B 5/032** (2013.01 - EP US)

Cited by  
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DOCDB simple family (publication)  
**EP 0230624 A1 19870805; EP 0230624 B1 19890920; EP 0230624 B2 19930317**; AT E46460 T1 19891015; BR 8700148 A 19871201; DE 3601081 A1 19870723; DE 3601081 C2 19920116; JP H0556188 B2 19930818; JP S63119863 A 19880524; US 4765544 A 19880823

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**EP 86117697 A 19861218**; AT 86117697 T 19861218; BR 8700148 A 19870115; DE 3601081 A 19860116; JP 586987 A 19870112; US 418887 A 19870115