

Title (en)
Electrostatic ionizing system

Title (de)
Elektrostatishes Ionisationssystem

Title (fr)
Système d'ionisation électrostatique

Publication
EP 0734777 A2 19961002 (EN)

Application
EP 96301943 A 19960321

Priority
US 41205395 A 19950328

Abstract (en)
An electrostatic ionizing system for use in connection with a sprayer (10) for spraying conductive liquid particles, having a conductive needle (20) positioned near the centre of the sprayer (10), sprayed particle pattern (24), the needle (20) having a diameter of less than about 250 micrometers and a needle tip sharpened to have a radius of curvature (R) of less than about 50 micrometers, and a second electrode (12) spaced approximately four inches (10.16cm) from the needle (20) and being formed as a part of said sprayer (10). <IMAGE>

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B05B 5/053

IPC 8 full level
B05B 5/053 (2006.01); **B05B 5/06** (2006.01); **B05B 5/16** (2006.01)

CPC (source: EP)
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Cited by
CN108554663A; CN110042337A; EP2946839A4; WO2009114276A1; WO2009114295A1; WO2009114322A1; US9764341B2; US9616439B2; WO2009114296A1

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