

Title (en)
ELECTROSTATIC SPRAY HEAD

Publication
EP 0251687 A3 19891004 (EN)

Application
EP 87305637 A 19870624

Priority
GB 8615371 A 19860624

Abstract (en)
[origin: EP0251687A2] An electrostatic spray head for use in agricultural spraying comprises a main body (1) made of electrically non-conductive material, a spray tube (2) of electrically non-conducting material passing through the main body and terminating in a metallic spray nozzle (3) fitted with a centrally apertured cap (4) of electrically non-conducting material, an induction electrode assembly (12) mounted in the main body and including a centrally apertured metal foam electrode (11) positioned in the path of the spray issuing from the nozzle and an annular counter electrode (5) snap-fitted into the forward end of the main body and surrounding the nozzle and induction electrode assembly.

IPC 1-7
B05B 5/04

IPC 8 full level
B05B 5/025 (2006.01); **B05B 5/043** (2006.01); **B05B 5/16** (2006.01)

CPC (source: EP)
B05B 5/043 (2013.01); **B05B 5/1608** (2013.01)

Citation (search report)
• [A] US 2989241 A 19610620 - BADGER DAVID HARRY [US]
• [A] DE 1245810 B 19670727 - GEN MOTORS CORP
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• [A] US 4228961 A 19801021 - ITOH TSUTOMU
• [A] DE 1577737 A1 19700730 - RANSBURG ELECTRO COATING CORP

Cited by
DE4312262A1; DE102007060211A1; EP1526921A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0251687 A2 19880107; **EP 0251687 A3 19891004**; AU 7456987 A 19880107; AU 7467287 A 19880107; GB 8615371 D0 19860730; JP S6393364 A 19880423

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EP 87305637 A 19870624; AU 7456987 A 19870622; AU 7467287 A 19870624; GB 8615371 A 19860624; JP 15560887 A 19870624