

Title (en)

CONTAINERS AND HOLDERS THEREFOR FOR USE IN ELECTROSTATIC SPRAYING

Publication

EP 0031649 A3 19810923 (EN)

Application

EP 80304204 A 19801124

Priority

- GB 7944150 A 19791221
- GB 8036174 A 19801111

Abstract (en)

[origin: EP0031649A2] A container for a liquid to be electrostatically sprayed, suitable for mounting on a holder carrying a high voltage generator, a power source, a field intensifying electrode, and electrical connection for connecting the fieldintensifying electrode to one output terminal of the high voltage generator, the container having: a spray nozzle at least part of the surface of which is electrically conductive; mounting means for locating the container on the holder with the nozzle adjacent the field-adjusting electrode and insulated therefrom; electrical connections from the nozzle to a contact on the mounting means so placed that when the container is located on the holder by the mounting means the contact can make connection with the other output terminal of the high voltage generator; and a closure or seal for closing the nozzle prior to location on the apparatus. Also disclosed holders for use with such containers; and improved nozzle designs.

IPC 1-7

B05B 5/02

IPC 8 full level

B05B 5/16 (2006.01)

CPC (source: EP)

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Cited by

US7913938B2; US7297211B2; US7387684B2; US7462242B2; US5322684A; EP0051928A1; EP0102713A3; EP0123538A3; US5494674A; US5268166A; US7836846B2; WO2007042991A1; WO2023225044A1; US7886684B2; US7992517B2; WO0054892A1; US6387081B1

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