

Title (en)

ELECTROSTATIC FLUIDIZED BATH WITH SEMICONDUCTOR ELECTRODE

Title (de)

ELEKTROSTATISCHES WIRBELBETT MIT EINER HALBLEITERFÄHIGEN ELEKTRODE

Title (fr)

BAIN FLUIDISE ELECTROSTATIQUE AVEC ELECTRODE SEMI-CONDUCTRICE

Publication

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Application

**EP 95922582 A 19950608**

Priority

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Abstract (en)

[origin: WO9533576A1] The invention relates to an electrostatic fluidized bath for coating substrates by means of powders which are charged electrostatically when contacting one or a plurality of semiconductor electrodes immersed in the fluidization vat. The semiconductor electrodes have a voluminal resistivity from  $10^{<2>}$  to  $10^{<8>}$  OMEGA .m, and preferably from  $10^{<4>}$  to  $10^{<6>}$  OMEGA .m. The coating of the substrates in such baths is particularly regular and uniform regardless of the geometry of substrate to be coated and is appropriate for large size substrates.

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IPC 8 full level

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