

Title (en)

METHOD AND APPARATUS FOR ELECTROSTATICALLY COATING OBJECTS WITH FLUIDS

Publication

EP 0107030 A3 19850925 (DE)

Application

EP 83109256 A 19830919

Priority

- DE 3238917 A 19821021
- DE 3241504 A 19821110

Abstract (en)

[origin: ES8501642A1] A process and apparatus is disclosed comprising a high-speed rotation bell for applying quick-evaporating fluids, such as quick-evaporating liquid paint, wherein the impact deposition of largely evaporated paint particles on the high-speed rotation bell is prevented by affecting the flight path of the paint particles flying back in the zone of the toroidal vortex toward the high-speed rotation bell with electric or magnetic or aerodynamic forces or combinations of these forces.

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B05B 5/04

IPC 8 full level

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CPC (source: EP US)

B05B 5/0407 (2013.01 - EP US); **B05B 5/0536** (2013.01 - EP US)

Citation (search report)

- [X] US 3221992 A 19651207 - SEDLACSIK JR JOHN, et al
- [A] EP 0032391 A1 19810722 - BEHR HANS [DE]
- [A] FR 1359208 A 19640424

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FR2776946A1; US6347754B1; WO9949982A1

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