

Title (en)
SPRAYING PROCESS

Publication
EP 0260853 A3 19900307 (EN)

Application
EP 87307875 A 19870907

Priority
GB 8622144 A 19860915

Abstract (en)
[origin: EP0260853A2] A process for the discontinuous spray application of a fluid comprising supplying such a fluid to a sprayhead (12), applying a controllably variable electrical field to the fluid such that at controlled field intensities the fluid can move from the sprayhead under the influence of the field to form a spray, effecting relative movement of the sprayhead (12) and a target (2), and switching the spray on and off, characterised in that the field is applied by means of constant potentials applied to the sprayhead (12) and a charged field adjusting electrode (20) and spraying only occurs when the target (2) is a desired distance from the sprayhead, and apparatus therefor.

IPC 1-7
B05B 5/02; **B05B 5/08**; **B31B 1/62**

IPC 8 full level
B05B 5/025 (2006.01); **B05B 5/08** (2006.01); **B05D 1/04** (2006.01)

CPC (source: EP)
B05B 5/0255 (2013.01); **B05B 5/087** (2013.01)

Citation (search report)

- [Y] US 3126574 A 19640331
- [Y] EP 0194074 A1 19860910 - ICI PLC [GB]
- [A] EP 0186983 B1 19890322
- [A] CH 413360 A 19660515 - COMMERCIAL PLASTICS LTD [GB]

Cited by
EP2050507A1; DE102011001619A1; US8329258B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0260853 A2 19880323; **EP 0260853 A3 19900307**; AU 7830687 A 19880317; GB 8622144 D0 19861022; IE 872402 L 19880315; JP S63119864 A 19880524; ZA 876791 B 19880629

DOCDB simple family (application)
EP 87307875 A 19870907; AU 7830687 A 19870911; GB 8622144 A 19860915; IE 240287 A 19870908; JP 23194487 A 19870916; ZA 876791 A 19870910