Title (en)

DEVICE FOR THE LOCALIZED DISTRIBUTION OF ELECTRIFIABLE MATERIAL AND PRINTING APPARATUS EQUIPPED WITH THIS DEVICE

Publication

EP 0030203 B1 19840912 (FR)

Application

EP 80420129 A 19801125

Priority

- FR 7929718 A 19791128
- FR 8019588 A 19800905

Abstract (en)

[origin: US4385588A] A device for depositing an electrifiable material, e.g. cut strands, fleece, flock, upon an adhesive-coated surface comprises a vibrating sieve which is formed by a multiplicity of cylindrical parallel elements in line contact along respective generatrices and in line contact with an enclosure. In the interstices between these elements the electrifiable material passes through a grid on the bottom of this sieve which is connected to a high voltage source so that electrostatic forces assist in a transfer of the material to the adhesive. The application pattern is determined by a mask on the upper portion of the sieve and a complementary mask on a similar sieve through which excess particles are evacuated from the application region.

IPC 1-7

B05C 19/00; D06C 23/00

IPC 8 full level

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