

Title (en)  
HAND-HELD APPARATUS FOR ELECTROSTATICALLY FLOCKING OBJECTS

Publication  
**EP 0044038 B1 19850417 (DE)**

Application  
**EP 81105314 A 19810708**

Priority  
• DE 3026241 A 19800710  
• DE 3039904 A 19801022

Abstract (en)  
[origin: EP0044038A1] 1. Hand-held apparatus for electrostatically flocking objects, in particular for applying short textile fibres to surfaces covered with adhesive, the apparatus comprising an applicator (8) of beaker-like shape for accommodating the flock material, a high voltage electrode (7) arranged in the beaker (23) and a high voltage generator (1), wherein the high voltage generator is arranged in a plastic housing (16), which simultaneously serves as the carrier for the applicator, and is fed from a d.c. source (13), and wherein the plastic housing (16) is bar-shaped and serves to accommodate a high voltage transformer (4) fed by an oscillator (3), characterized in that the bar-shaped plastic housing (16) is connected with a likewise bar-shaped metallic or metallized housing (15) ; in that the metallic or metallised housing (15) forms a receptacle for batteries (13) provided as the d.c. source and has an earth connection (14) ; and in that, starting from the d.c. side, an oscillator (3), a transformer (4) and a cascade circuit (5) with a protective resistor (6) are arranged as the high voltage generator (1) in the bar-shaped plastic housing (6).

IPC 1-7  
**B05B 5/02**

IPC 8 full level  
**B05B 5/053** (2006.01); **B05B 5/057** (2006.01)

CPC (source: EP)  
**B05B 5/0531** (2013.01); **B05B 5/0537** (2013.01); **B05B 5/057** (2013.01)

Cited by  
US5932011A; FR3106510A1; EP0205134A1; FR2558742A1; EP0472817A3; AU711793B2; US6138671A; CN1074319C; AU708479B2; CN1071145C; WO9610459A3; WO9530489A1

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