

Title (en)
Electrostatic processing chamber for performing electrostatic flocking and coating operations

Title (de)
Kammer zur elektrostatischen Beflockung und Beschichtung

Title (fr)
Enceinte de flocage et de revêtement électrostatique

Publication
EP 1080793 A3 20040707 (EN)

Application
EP 00306825 A 20000810

Priority
JP 22836799 A 19990812

Abstract (en)
[origin: EP1080793A2] A strip-like elongated flat plate (2), which is wound into a roll, is unwound and electrically grounded. In this condition, the flat plate (2) is passed through an electrostatic processing chamber, and subjected to an electrostatic flocking operation and an electrostatic coating operation without having its opposite longitudinal sides excessively or poorly flocked or coated. In an electrostatic processing chamber for performing the electrostatic flocking and the electrostatic coating operation therein: an electrode (1) is oppositely disposed from the flat plate (2) which is a workpiece to be flocked and coated; and, a plurality of electrically grounded elongated elements (5) are disposed adjacent to and parallel to the opposite longitudinal sides of the elongated flat plate (2). <IMAGE>

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B05C 19/00; **B05B 5/08**; **B05B 5/14**

IPC 8 full level
B05D 1/04 (2006.01); **B05B 5/00** (2006.01); **B05B 5/08** (2006.01); **B05C 15/00** (2006.01); **B05C 19/00** (2006.01); **B05C 19/04** (2006.01); **B05D 1/14** (2006.01); **B05D 7/00** (2006.01)

CPC (source: EP KR)
B05B 5/08 (2013.01 - KR); **B05C 19/002** (2013.01 - EP)

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• [X] GB 1047615 A 19661109 - SAMES MACH ELECTROSTAT
• [X] DD 237121 A1 19860702 - KARL MARX STADT TECH HOCHSCHUL [DD]
• [A] EP 0776703 A1 19970604 - WAGNER INT [CH]
• [A] DE 19524017 A1 19960111 - YAMAHA CORP [JP]

Cited by
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EP 1080793 A2 20010307; **EP 1080793 A3 20040707**; CA 2315467 A1 20010212; JP 2001046924 A 20010220; JP 3817393 B2 20060906; KR 20010050047 A 20010615; SG 89343 A1 20020618; TW 464711 B 20011121

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