

Title (en)  
Method for electrostatic coating

Title (de)  
Verfahren zum elektrostatischen Beschichten

Title (fr)  
Procédé pour déposition électrostatique

Publication  
**EP 0891817 A3 19990526 (DE)**

Application  
**EP 98111127 A 19980617**

Priority  
DE 19730231 A 19970715

Abstract (en)  
[origin: EP0891817A2] The coating involves at least two applicators (1,2), a corona spray gun and a tribo spray gun. One applicator (1) sprays the workpiece with positive charged particles of the covering material and the other applicator sprays it with negative charged particles. The two applicators work at the same time. The application of the particles of different charge at the same time means that the surface charge is less than when there is only one application of particles of one charge so the covering is thicker. Alternatively two applicators spray two different materials each having a different electric charge. The covering is sprayed alternating between the two applicators and thin layers are sprayed.

IPC 1-7  
**B05B 5/08**; **B05B 5/00**

IPC 8 full level  
**B05B 5/025** (2006.01); **B05D 1/06** (2006.01); **C09D 5/46** (2006.01); **B05B 5/00** (2006.01); **B05B 5/047** (2006.01)

CPC (source: EP US)  
**B05B 5/003** (2013.01 - EP US); **B05B 5/004** (2013.01 - EP US); **B05B 5/025** (2013.01 - EP US); **B05D 1/06** (2013.01 - EP US); **B05B 5/047** (2013.01 - EP US)

Citation (search report)

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