

Title (en)
Painting installation

Title (de)
Lackieranlage

Title (fr)
Installation de peinture

Publication
EP 1108474 B1 20041117 (DE)

Application
EP 00127232 A 20001215

Priority
DE 19961270 A 19991218

Abstract (en)
[origin: EP1108474A2] The system has two reservoir containers and a device for electrostatic isolation of at least one container and a spray device from the delivery system so the container and spray device can be brought to a high voltage relative to the object. The isolating device has an insulating line section between the containers and a pad movable reciprocally in the line that removes electrically conducting coating material from its inner surface. The system has two reservoir containers (8,10) in series or in parallel and an isolation device (14,16) for electrostatic isolation of at least one container and a following spray device (12) from the delivery system so that the container and spray device can be brought to a high voltage relative to the object to be sprayed. The isolating device consists of an electrically insulating line section (18) between the containers that also forms the paint feed into the second container and a pad (22) movable reciprocally in the line that removes electrically conducting coating material from the inner surface of the line section as it passes through it.

IPC 1-7
B05B 5/16

IPC 8 full level
B05B 5/16 (2006.01); **B05B 12/14** (2006.01)

CPC (source: EP)
B05B 5/1641 (2013.01); **B05B 12/1481** (2013.01)

Cited by
US7584771B2; EP1502656A3; EP1344572A3; EP1208915A3; EP1772194A3; EP1362641A1; EP2165773A4; US8020784B2; EP1772194A2; EP2810719B1; EP1772194B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1108474 A2 20010620; EP 1108474 A3 20031015; EP 1108474 B1 20041117; AT E282478 T1 20041215; DE 19961270 A1 20010705; DE 50008659 D1 20041223; ES 2232374 T3 20050601

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