

Title (en)

Process and apparatus for coating moving substrates

Title (de)

Verfahren und Vorrichtung zur Beschichtung von bewegten Substraten

Title (fr)

Procédé et appareil pour revêtir des substrats en mouvement

Publication

EP 1321197 A3 20040211 (DE)

Application

EP 02027916 A 20021213

Priority

DE 10163025 A 20011220

Abstract (en)

[origin: EP1321197A2] A fluidizing container (1) has a feed (2) for fluidizing air ionized with single polarity. This fluidizing air fluidizes an electrically non-conductive powder paint fed in via a powder feeder (4) and charged with single polarity. A roller (5) dips in a depositing area (8) and attaches to an electrically conductive fixed earthed metal core (11). <??>An Independent claim is also included for a device for covering substrates with a powder coating.

IPC 1-7

B05D 1/28; **B05C 19/00**; **B05C 1/08**; **B05C 1/14**; **B01D 1/06**; **B05D 1/40**

IPC 8 full level

B05C 1/08 (2006.01); **B05C 1/14** (2006.01); **B05C 19/00** (2006.01); **B05D 1/28** (2006.01); **B05D 5/06** (2006.01); **B05D 1/00** (2006.01); **B05D 1/24** (2006.01)

CPC (source: EP)

B05C 1/0826 (2013.01); **B05C 1/14** (2013.01); **B05C 19/00** (2013.01); **B05D 1/28** (2013.01); **B05D 5/06** (2013.01); **B05D 1/007** (2013.01); **B05D 1/24** (2013.01); **B05D 2252/02** (2013.01)

Citation (search report)

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- [YD] PATENT ABSTRACTS OF JAPAN vol. 0174, no. 75 (C - 1103) 30 August 1993 (1993-08-30)

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