

Title (en)
Method and apparatus for transporting a fine powder

Title (de)
Verfahren und Vorrichtung zum Fördern von feinem Pulver

Title (fr)
Procédé et appareil pour le transport de poudre fine

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Application
EP 03075990 A 19981006

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Abstract (en)
The invention provides methods, systems and apparatus for the metered transport of fine powders into receptacles. According to one exemplary embodiment, an apparatus is provided which comprises a hopper (12) having an opening (18). The hopper (12) is adapted to receive a bed of fine powder (20). At least one chamber (24), which is moveable to allow the chamber to be placed in close proximity to the opening (18), is also provided. An element (28) having a proximal end and a distal end (29) is positioned within the hopper (12) such that the distal end (29) is near the opening. A vibrator motor (26) is provided to vibrate the element (28) when within the fine powder. <IMAGE>The invention provides methods, systems and apparatus for the metered transport of fine powders into receptacles. According to one exemplary embodiment, an apparatus is provided which comprises a hopper (12) having an opening (18). The hopper (12) is adapted to receive a bed of fine powder (20). At least one chamber (24), which is moveable to allow the chamber to be placed in close proximity to the opening (18), is also provided. An element (28) having a proximal end and a distal end (29) is positioned within the hopper (12) such that the distal end (29) is near the opening. A vibrator motor (26) is provided to vibrate the element (28) when within the fine powder. <IMAGE>

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CPC (source: EP KR)
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