

Title (en)  
Dispensing apparatus for powder material

Title (de)  
Vorrichtung zur Ausgabe von pulverförmigem Material

Title (fr)  
Dispositif de distribution de matériau en poudre

Publication  
**EP 1559652 A1 20050803 (EN)**

Application  
**EP 04250685 A 20040209**

Priority  
CN 200320121881 U 20031127

Abstract (en)  
A dispensing apparatus for powder material includes a carrying table (1) having a turntable (12), and at least one powder hopper (2) arranged around an upper outer periphery of the turntable (12). The powder hopper (2) is provided at a bottom with a powder delivery chamber (21), in which a delivery auger (31) of a powder delivery mechanism (3) is rotatably mounted. A rotation-driving device (4) located behind the powder hopper (2) may be moved forward by a shifting mechanism (5) to a first position to couple with and rotate the delivery auger (31), so that powder material (20) in the powder delivery chamber (21) is pushed forward by the rotating delivery auger (31) and discharged from the chamber (21) via a powder outlet (22) at a front end of the chamber (21). A measuring device (6) is closely provided below the turntable (12) corresponding to the powder hopper (2) to be dispensed, and a container (60) is removably supported on the measuring device (6) for holding the powder material (20) dispensed into the container (60) by the powder delivery mechanism (3). <IMAGE>

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IPC 8 full level  
**B01F 13/10** (2006.01); **B01F 15/02** (2006.01); **B01F 15/04** (2006.01); **B65B 37/10** (2006.01); **B01F 3/12** (2006.01)

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Citation (search report)  
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