Title (en)

Material handling apparatus

Title (de)

Vorrichtung zum Handhaben von Material

Title (fr)

Appareil de manutention de matériaux

Publication

EP 0968937 A1 20000105 (EN)

Application

EP 99305223 A 19990701

Priority

GB 9814385 A 19980702

Abstract (en)

The invention relates to material handling apparatus 1 that is apparatus for handling flowable materials such as powders which should for environmental reasons be isolated within the apparatus to protect ambient atmosphere in general and operators in particular. Thus the apparatus 1 has a container 2 for powder and an outlet 3 therefrom, a device for obturating and opening the outlet 3, actuating means 5 such as a pneumatic piston and cylinder arrangement for raising and lowering the device 4 and a member 6 for sealing the actuating means 5 from the interior of the container. The member 6 is a shroud in the form of a collapsible tapered, convoluted member of plastics or rubber which is secured to a body 10 of the apparatus and to the device 4 by clamping members 8, 9 so that the member 6 joins at an angle of at least 90 DEG to the vertical so that there is no fold or crease in which powder can lodge and which provides easy access for washing. <IMAGE>

IPC 1-7

B65D 90/62

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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