

Title (en)

Container with emptying means, in particular for fuel pellets

Title (de)

Behälter mit Entleerungsvorrichtung insbesondere für Brennstoffelemente

Title (fr)

Conteneur avec un dispositif de vidange, en particulier pour pastilles combustibles

Publication

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Application

EP 04106179 A 20041130

Priority

SE 0303216 A 20031201

Abstract (en)

In many pellet stores, like in the invention, the container is emptied using a feed screw from an area (M) at the bottom of the container. A pit then forms and the pellets along the walls will be left. This has previously been solved using a fixed inclined bottom at the cost of a bulky container. This has previously also been solved by a slantable bottom. All such solutions seem to have a cloth or bag, and if they have a feed screw, it is a bottom screw (a horizontal screw collecting pellets along the entire length of the container). The invention, however, enables a compact container entirely made of plywood (no cloth), provided with a slantable bottom. The invention also enables emptying by means of an inclined screw. The invention comprises a container, a main sheet (1) articulated to a side sheet (2), a shaft (3) and couplings (4) between the main sheet and the shaft. The angling of the main sheet makes the pellets fall down, and the side sheet prevents the pellets from falling down under the main sheet.

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IPC 8 full level

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Cited by

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