

Title (en)

Method and apparatus for compacting compressible bulk material

Title (de)

Verfahren und Vorrichtung zum Verdichten von komprimierbarem Schüttgut

Title (fr)

Procédé et dispositif pour compacter des matériaux en vrac compressibles

Publication

EP 1762374 A3 20071031 (DE)

Application

EP 06010814 A 20060526

Priority

DE 202005014307 U 20050910

Abstract (en)

[origin: DE202005014307U1] Device for compressing bulk material (1) comprises a container (2) for the material and a stamp (3) with a maximum cross-section of not more than 50 % of the free cross-section of the container. The stamp and the container can be displaced relative to each other in a horizontal x, y-plane and also in the y-direction. Preferred Features: The maximum cross-section of the stamp is not more than 40 % of the free cross-section of the container. The stamp and/or the container can be displaced linearly in the x- and/or y-direction.

IPC 8 full level

B30B 9/30 (2006.01); **B65F 3/14** (2006.01)

CPC (source: EP)

B30B 9/3042 (2013.01); **B65F 3/14** (2013.01)

Citation (search report)

- [XY] GB 2303115 A 19970212 - TURNER GRAIN & FEED MILLING LI [GB]
- [X] US 4716825 A 19880105 - LEMMOND CHESTER [US]
- [DY] DE 3903642 A1 19900809 - BERGMANN HEINZ [DE]
- [Y] US 3932100 A 19760113 - BLINDHEIM ROLF
- [A] FR 2630718 A1 19891103 - CANAT MICHEL [FR]
- [A] FR 2135916 A5 19721222 - ROSS THORVALD
- [A] DE 886120 C 19530810 - KLOECKNER HUMBOLDT DEUTZ AG

Cited by

EP2027992A2; DE202007010997U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 202005014307 U1 20061012; EP 1762374 A2 20070314; EP 1762374 A3 20071031

DOCDB simple family (application)

DE 202005014307 U 20050910; EP 06010814 A 20060526