

Title (en)

THIN-WALLED PALLET CONTAINER FOR RECEIVING FLUID OR POURABLE BULK MATERIAL

Publication

EP 0240960 A3 19880720 (DE)

Application

EP 87105024 A 19870404

Priority

DE 8609804 U 19860408

Abstract (en)

[origin: EP0240960A2] 1. Thin-walled container (1), preferably capable of being palletted for receiving material to be transported in bulk, flowable, pourable and granular form, the contour of which container is defined by an annular casing (2) (external ring) of corrugated cardboard, cardboard or similar foldable or flexible material, the casing having one bottom opening and one cover opening, each, which can be closed, if necessary, by bottom or cover parts (4 and 3, respectively), respectively, and surrounding an insert (5) (internal ring) corresponding essentially to the contour of the container, in such a manner that there is formed a hollow space (6) between the casing and the insert and that the insert (5) is positioned in a floating manner relative to the container casing (2), characterised in that the insert (5) forms a downwardly open ring, stands on the bottom (4, 22) with its lower edge (53) and consists of a deformable material, which, when stressed statically by the material to be transported, has a resiliency inside the limits of the hollow space (6).

IPC 1-7

B65D 19/20; **B65D 5/58**

IPC 8 full level

B65D 5/58 (2006.01); **B65D 19/20** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 3937392 A 19760210 - SWISHER ROBERT ALLEN
- [XP] US 4623075 A 19861118 - RILEY ARTHUR J [GB]
- [Y] US 2573428 A 19511030 - GARDNER HARRY R
- [Y] FR 2291100 A1 19760611 - AKZO NV [NL]
- [Y] US 2511481 A 19500613 - SCHNEIDER EUGENE S
- [A] US 2331010 A 19431005 - WATERS HARRY F

Cited by

USD1011186S; CN103612833A; USD1016605S

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