

Title (en)
PLASTIC LINER WITH INNER LINING

Title (de)
KUNSTSTOFF-INNENBEHÄLTER MIT INLINER

Title (fr)
CONTENANT INTERNE EN PLASTIQUE POURVU D'UNE POCHE

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Abstract (en)
[origin: WO2017162335A1] The present invention relates to a rigid plastic liner (12) made of thermoplastics for a pallet container (10) or a similar large-volume container for storing and transporting liquid or fluid goods, having a flexible inner lining (28) made of a thin-walled plastic or composite film inserted into the rigid plastic liner (12). For filling and emptying the container through the bottom thereof, the thin-walled inner lining (28) has at least one bottom filling and emptying pipe (42) permanently welded at the front into a corresponding bottom filling and emptying pipe (32) of the rigid plastic liner (12). For filling the container through the top and emptying it through the bottom, the rigid plastic liner (12) and the thin-walled inner lining (28) can also be provided each with a top filling pipe, and then the top filling pipe (44) of the thin-walled inner lining (28) is likewise permanently welded into the filling pipe (30) of the rigid plastic liner (12). Through application of a vacuum, the thin-walled inner lining (28) inserted into the rigid plastic liner (12) lies in the mounted end state over its entire surface against the inner surface of the rigid plastic liner (12), and is immovably fixed as if by glue to the inner surface, in particular to the head of the liner, both in the empty, non-filled state and in the filled state of the rigid plastic liner (12).

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