

Title (en)

Stackable plastic transport and storage container

Title (de)

Stapelbarer Transport- und Lagerbehälter aus Kunststoff und Verfahren zu dessen Herstellung

Title (fr)

Récipient de transport et de stockage empilable en plastique

Publication

EP 2322441 A1 20110518 (DE)

Application

EP 10190123 A 20101105

Priority

DE 102009046693 A 20091113

Abstract (en)

The container has a base body i.e. injection molded plastic part, comprising a projecting upper edge (206) and a lower edge at corner regions (100) of the body. A hollow chamber profile (110) made of plastic is attached to the base body between upper and lower edges in a material-fit manner. The upper edge forms a stacked surface, and base-shaped stacked elements are arranged at the lower edge of the base body. The profile is made of same plastic as the base body or compatible plastic. A radio frequency identification chip is arranged in the profile, where the container is made of plastic. Independent claims are also included for the following: (1) a system comprising a stackable plastic transport and storage container (2) a method for manufacturing a plastic transport and storage container.

Abstract (de)

Stapelbarer Transport- und Lagerbehälter aus Kunststoff mit einem Grundkörper zur Aufnahme eines Gutes, wobei es sich bei dem Grundkörper um ein Kunststoffspritzgussteil handelt, wobei der Grundkörper an seinen Eckbereichen (100) einen vorspringenden oberen (206) und unteren Rand aufweist und zwischen dem oberen und unteren Rand je ein Hohlkammerprofil (110) aus Kunststoff an dem Grundkörper befestigt ist.

IPC 8 full level

B65D 21/02 (2006.01)

CPC (source: EP)

B65D 21/0215 (2013.01); **B65D 2203/10** (2013.01)

Citation (applicant)

- DE 19931269 A1 20000921 - FEBRA KUNSTSTOFFE GMBH & CO [DE]
- DE 10335629 A1 20050317 - DIMER CHRISTOPH [DE]
- DE 202007011823 U1 20071122 - MONTARA VERPACKEN MIT SYSTEM G [DE]

Citation (search report)

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- [A] AT 368464 B 19821011 - UTZ AG GEORG [CH]
- [A] DE 19932068 A1 20010125 - GEFINEX POLYMERSCHAEUME GMBH [DE]

Cited by

EP2995568A2; WO2012163793A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2322441 A1 20110518; EP 2322441 B1 20131023; DE 102009046693 A1 20110526; DE 102009046693 B4 20150212; DK 2322441 T3 20131125; ES 2436201 T3 20131227; PL 2322441 T3 20140131

DOCDB simple family (application)

EP 10190123 A 20101105; DE 102009046693 A 20091113; DK 10190123 T 20101105; ES 10190123 T 20101105; PL 10190123 T 20101105