

Title (en)

CONVERTIBLE CONTAINER FOR IN BULK OR NON-BULK GOODS TRANSPORTATION

Title (de)

UMWANDELBARER CONTAINER FÜR DEN TRANSPORT VON MASSEN- ODER NICHTMASSENGÜTERN

Title (fr)

CONTENEUR CONVERTIBLE POUR LE TRANSPORT DE MARCHANDISES EN VRAC OU NON

Publication

EP 3771660 A1 20210203 (EN)

Application

EP 20188227 A 20200728

Priority

IT 201900013338 A 20190730

Abstract (en)

A container (1) for the transportation of in bulk and non-bulk goods, comprising a self-supporting casing (2) delimited by a floor (3), a ceiling (4), respective lateral walls (5, 6, 7) and by a rotating door (8), containing a foldable and flexible bag (10), a loading pipe (12) and an unloading pipe (14) for loading and unloading bulk goods (13) inside/from inside the bag, the loading pipe (12) being arranged adjacent to the ceiling (3), the unloading pipe (14) being connected integral with the bag (10) at a bottom portion (15) of the bag facing the floor (3) of the casing; first tie rods (16) connect a lateral wall (18) of the bag to a traction device (19) configured to hold the bag, when empty, in a first configuration, wherein the bag (10) is arranged with the unloading pipe (14) integral thereto against the floor of the casing forming a funnel (21) with the bottom portion thereof; means (38) being provided for winding the empty bag in a second configuration against the ceiling (3) of the casing.

IPC 8 full level

B65D 88/62 (2006.01); **B65D 90/04** (2006.01)

CPC (source: EP)

B65D 88/62 (2013.01); **B65D 90/046** (2013.01); **B65D 2590/046** (2013.01)

Citation (search report)

- [X] DE 19733812 A1 19990211 - STEINECKE EKKEHARD [DE]
- [I] US 4541765 A 19850917 - MOORE JAMES W [US]
- [A] GB 2496939 A 20130529 - PROCESS LINK LTD [GB]
- [A] EP 0461874 A2 19911218 - CONCERTAINER LTD [GB]
- [A] US 5487485 A 19960130 - YANG MING-SHENG [TW], et al
- [A] DE 1531920 A1 19700115 - EISGRUBER KARL HEINRICH

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 3771660 A1 20210203; IT 201900013338 A1 20210130

DOCDB simple family (application)

EP 20188227 A 20200728; IT 201900013338 A 20190730