

Title (en)
FLEXIBLE STORAGE DEVICE FOR PACKAGING PARTICULATE SOLID SUBSTANCES OR LIQUIDS,METHOD FOR MANUFACTURING THIS DEVICE AND PACKAGING METHOD USING THIS DEVICE

Title (de)
FLEXIBLE SPEICHERVORRICHTUNG ZUM VERPACKEN VON FESTEN TEILCHENFÖRMIGEN STOFFEN ODER FLÜSSIGKEITEN, VERFAHREN ZUR HERSTELLUNG DIESER VORRICHTUNG UND VERPACKUNGSVERFAHREN UNTER VERWENDUNG DIESER VORRICHTUNG

Title (fr)
DISPOSITIF DE STOCKAGE, SOUPLE, POUR LE CONDITIONNEMENT DE MATIERES SOLIDES PARTICULAIRES OU DE LIQUIDE, PROCÉDÉ DE FABRICATION D'UN TEL DISPOSITIF ET PROCÉDÉ DE CONDITIONNEMENT UTILISANT UN TEL DISPOSITIF

Publication
EP 3325374 B1 20200408 (FR)

Application
EP 16753955 A 20160722

Priority
• FR 1557060 A 20150724
• FR 2016051915 W 20160722

Abstract (en)
[origin: WO2017017361A2] Flexible storage device (1) for packaging particulate solid substances or liquids, having a bottom and lateral walls defining a substantially parallelepipedal storage volume, said device comprising: - hanging loops (25) toward the top intended for lifting - an assembly (3) comprising: - a flexible external wrapper (30) forming at least the four lateral walls of the storage volume and possibly the bottom wall of the storage volume, - a flexible tubular internal wrapper (40) secured by vertical fixing lines (41, 42, 43, 44) to the four lateral walls of the external wrapper (30), dividing the storage volume into five vertical compartments including a central compartment which is defined by the interior volume of the internal wrapper, and four peripheral compartments which are respectively defined between the lateral walls of the external wrapper (30) and the lateral walls of the internal wrapper (40), and in which the internal wrapper (40) has an upper edge (50) defining the upper mouth of said central compartment and a lower edge (51) defining the lower mouth of said central compartment, the upper edge (50) of the internal wrapper (40) being situated at the same height as or below the upper edge of the lateral walls of the storage volume so that the upper edge (50) of the internal wrapper constitutes a spillway allowing material to overspill from the central compartment into the peripheral compartments, - and in which the external wrapper (30) is made up of a first polymer film and the internal wrapper (40) is made up of a second polymer film, said vertical fixing lines being weld lines where the first polymer film and the second polymer film are welded together.

IPC 8 full level
B65D 88/16 (2006.01)

CPC (source: EP US)
B65D 88/1618 (2013.01 - EP US); **B65D 88/1631** (2013.01 - EP); **B65D 88/1643** (2013.01 - US); **B65D 88/165** (2013.01 - EP US); **B65D 88/1656** (2013.01 - US); **B65D 88/1668** (2013.01 - EP US); **B65D 88/1681** (2013.01 - US)

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

DOCDB simple family (publication)
FR 3039140 A1 20170127; FR 3039140 B1 20200110; CN 107922110 A 20180417; EP 3325374 A2 20180530; EP 3325374 B1 20200408; ES 2804522 T3 20210208; LT 3325374 T 20200727; PL 3325374 T3 20201116; RS 60491 B1 20200831; US 11208259 B2 20211228; US 2018194549 A1 20180712; WO 2017017361 A2 20170202; WO 2017017361 A3 20170330

DOCDB simple family (application)
FR 1557060 A 20150724; CN 201680043117 A 20160722; EP 16753955 A 20160722; ES 16753955 T 20160722; FR 2016051915 W 20160722; LT 16753955 T 20160722; PL 16753955 T 20160722; RS P20200788 A 20160722; US 201615744235 A 20160722