

Title (en)
Container for at least largely separated storage and dispensing of substances, in particular for storage and delivery in space

Title (de)
Behälter zur zumindest weitgehend getrennten Lagerung und Abgabe von Stoffen, insbesondere zu einer Lagerung und Abgabe im Weltraum

Title (fr)
Récipient pour le logement et la distribution au moins majoritairement séparés de substances, notamment pour un logement et une distribution dans l'espace

Publication
EP 2700393 A3 20150923 (DE)

Application
EP 13179434 A 20130806

Priority
DE 102012107652 A 20120821

Abstract (en)
[origin: EP2700393A2] The container (10) has discharge opening (22), storage chamber (12) for storage of materials, and movable separator (24,24',24''). The separator is arranged to divide storage chamber into sub-chambers (14,16,18,20). The overflow conduit (26) transports materials from sub-chambers along direction of discharge opening provided in front of sub-chamber. The overflow conduit and the separator are trained to perform delivery of materials and flattening of stored solid by liquid. An independent claim is included for method for delivering material from chamber.

IPC 8 full level
A61J 1/06 (2006.01); **B65D 81/00** (2006.01)

CPC (source: EP US)
A61J 1/062 (2013.01 - EP US); **B65D 25/04** (2013.01 - US); **B65D 81/325** (2013.01 - EP US); **B65D 83/0005** (2013.01 - US); **B65D 83/0033** (2013.01 - EP US); **B65B 29/10** (2013.01 - EP US)

Citation (search report)

- [X] JP 2004065461 A 20040304 - VEKUSON KK, et al
- [XA] US 5713857 A 19980203 - GRIMARD JEAN PIERRE [FR], et al
- [XA] US 5702182 A 19971230 - ALVARADO ULISES R [US]
- [XAI] US 4599082 A 19860708 - GRIMARD JEAN P [FR]
- [X] WO 2008150208 A1 20081211 - SVENSSON JAN [SE]
- [X] JP 2005027805 A 20050203 - NEMOTO KYORINDO KK

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 2700393 A2 20140226; EP 2700393 A3 20150923; EP 2700393 B1 20201028; CA 2823930 A1 20140221; CA 2823930 C 20160524; CN 103771029 A 20140507; CN 103771029 B 20170606; DE 102012107652 A1 20140320; JP 2014041123 A 20140306; JP 5742898 B2 20150701; US 2014054314 A1 20140227; US 9238543 B2 20160119

DOCDB simple family (application)
EP 13179434 A 20130806; CA 2823930 A 20130815; CN 201310366264 A 20130821; DE 102012107652 A 20120821; JP 2013168474 A 20130814; US 201313969679 A 20130819