

Title (en)

Container with a device to prevent clogging of a dispensing device of the container.

Title (de)

Behälter mit einer Vorrichtung zum Verhindern des Verstopfens der Abgabevorrichtung des Behälters

Title (fr)

Conteneur avec dispositif pour empêcher l'engorgement d'un appareil de distribution du conteneur

Publication

**EP 2070833 A1 20090617 (EN)**

Application

**EP 08169802 A 20081124**

Priority

- EP 07123223 A 20071214
- EP 08169802 A 20081124

Abstract (en)

For a container (1) with a reservoir (2) to collect a product (3) and a dispensing device (4), which is equipped with an opening (5) to dispense a flowable agent, particularly a powdery or granular product (3) dissolved and/or dispersed in a liquid (8), wherein said dispensing device is connected to the reservoir (2), a device (7) with passages (10) is used to hold back excessively large particles of the product (3), so that wholly undissolved product (3) and/or excessively large particles and/or poorly dispersed particles cannot reach the opening (5) of the dispensing device (4) and thereby cannot block the opening (5). To achieve secure protection of the opening against a blockage, it is proposed that the diameter (11) or the minimum width (12) of the passages (10) is from 0.5mm to 5mm and is less than or equal to the diameter (13) or the minimum width of the opening (5) ( Fig. 7 ).

IPC 8 full level

**B65D 47/06** (2006.01)

CPC (source: EP US)

**A45D 19/0075** (2021.01 - EP); **A45D 19/024** (2021.01 - EP US); **B65D 47/06** (2013.01 - EP US); **A45D 19/0075** (2021.01 - US); **A45D 19/012** (2021.01 - EP US); **A45D 40/30** (2013.01 - EP US); **A45D 2200/058** (2013.01 - EP US); **A45D 2200/25** (2013.01 - EP US)

Citation (search report)

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- [XP] WO 2008067407 A2 20080605 - HTSS CAPITAL LLC [US], et al
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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2070833 A1 20090617**; **EP 2070833 B1 20110223**; AT E499308 T1 20110315; CN 101965297 A 20110202; DE 602008005097 D1 20110407; JP 2011518077 A 20110623; JP 5199385 B2 20130515; US 2009152281 A1 20090618; WO 2009077928 A1 20090625

DOCDB simple family (application)

**EP 08169802 A 20081124**; AT 08169802 T 20081124; CN 200880121188 A 20081209; DE 602008005097 T 20081124; IB 2008055180 W 20081209; JP 2010536581 A 20081209; US 33340308 A 20081212