

Title (en)

Device for highly dispersed, air-containing solids and method for filling and emptying

Title (de)

Vorrichtung zum Transport hochdisperser Pulver und Verfahren zu ihrer Befüllung und Entleerung

Title (fr)

Dispositif pour des produits solides hautement dispersés et procédé pour le remplissage et le vidage du produit

Publication

EP 1557376 B1 20060802 (DE)

Application

EP 05000597 A 20050113

Priority

DE 102004003364 A 20040122

Abstract (en)

[origin: EP1557376A1] The container has an upper edge, a lower edge and a rear with a door and an inliner consisting of at least two stacked layers, whereby an inner layer consists of uncoated, air-transmissive material, an outer layer is coated to be dust tight and to form a moisture barrier and the layers are joined by a special seam implementation so that dust-free ventilation of the joint is only possible via the seam. An independent claim is also included for the following: (A) a method of filling and emptying a container.

IPC 8 full level

B65D 88/22 (2006.01); **B65D 90/04** (2006.01); **B65B 1/16** (2006.01); **B65B 1/28** (2006.01); **B65B 69/00** (2006.01); **B65D 88/12** (2006.01); **B65D 88/16** (2006.01); **B65D 90/00** (2006.01); **B65G 65/32** (2006.01); **B65G 65/34** (2006.01)

CPC (source: EP US)

B65B 1/28 (2013.01 - EP US); **B65B 69/0075** (2013.01 - EP US); **B65D 90/046** (2013.01 - EP US); **B65D 90/047** (2013.01 - EP US); **B65B 1/16** (2013.01 - EP US); **B65D 2590/046** (2013.01 - EP US)

Cited by

EP1992576A1; EP3748083A1; US11326312B2; US8313268B2; US8418731B2

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

EP 1557376 A1 20050727; **EP 1557376 B1 20060802**; CN 100372745 C 20080305; CN 1644471 A 20050727; DE 102004003364 A1 20050811; DE 502005000050 D1 20060914; JP 2005206253 A 20050804; US 2005161451 A1 20050728

DOCDB simple family (application)

EP 05000597 A 20050113; CN 200510005564 A 20050119; DE 102004003364 A 20040122; DE 502005000050 T 20050113; JP 2005016139 A 20050124; US 4061805 A 20050121