

Title (en)

BAG FOR STORING AND DISPENSING GRANULAR, POWDERY OR LIQUID PRODUCTS AND PRODUCTION METHOD THEREOF

Title (de)

SACK FÜR DAS LAGERN UND ABGEBEN VON GRANULATEN, PULVERFÖRMIGEN ODER FLÜSSIGEN PRODUKTEN UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

SAC D'EMBALLAGE DE CONSERVATION ET DE DISTRIBUTION DE PRODUITS GRANULES PULVERULENTS OU LIQUIDES ET PROCÉDE DE FABRICATION

Publication

**EP 1559657 A1 20050803 (EN)**

Application

**EP 03748137 A 20030908**

Priority

- ES 0300454 W 20030908
- ES 200202062 A 20020910

Abstract (en)

The invention relates to a hermetically-sealed bag of the type which is used to transport and dispense granular, powdery or liquid products and which is made from sheet of paper, plastic material or plastic/metal material. The inventive bag is soldered longitudinally and transversely such that it can be incorporated into a cardboard parallelepiped container and is particularly suitable for use in a box comprising a dispensing system, such as a pour spout, which is made from the same piece of cardboard as the box. During the production and filling process, a flexible delivery tube is formed inside the bag at the upper edge thereof by means of two soldered joints or one double-width soldered joint with a central vertical cut, without the need for any additional parts. Said tube is affixed to the pour spout such that the user only has to open the end of the tube which is connected to the pour spout of the box in order to dispense the product. The invention also relates to a method of producing said dispensing tube-equipped bag and the pour spout-equipped box. <IMAGE>

IPC 1-7

**B65D 77/06**; **B65D 75/58**

IPC 8 full level

**B65D 5/60** (2006.01); **B65D 5/74** (2006.01); **B65D 75/58** (2006.01); **B65D 77/06** (2006.01); **B65D 83/06** (2006.01)

CPC (source: EP US)

**B65D 5/606** (2013.01 - EP US); **B65D 5/744** (2013.01 - EP US); **B65D 75/5866** (2013.01 - EP US); **B65D 77/064** (2013.01 - EP US); **B65D 83/06** (2013.01 - EP US)

Citation (search report)

See references of WO 2004024590A1

Cited by

NL1042383B1; ITBO20110703A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1559657 A1 20050803**; AU 2003267450 A1 20040430; ES 2235567 A1 20050701; ES 2235567 B1 20061001; US 2005269388 A1 20051208; WO 2004024590 A1 20040325; ZA 200501960 B 20060628

DOCDB simple family (application)

**EP 03748137 A 20030908**; AU 2003267450 A 20030908; ES 0300454 W 20030908; ES 200202062 A 20020910; US 52718905 A 20050310; ZA 200501960 A 20050308