

Title (en)

Method for sealing a pouring opening of a container

Title (de)

Verfahren zum Abdichten einer Ausgiessöffnung eines Behälters

Title (fr)

Procédé d'étanchéification de l'embouchure d'un récipient

Publication

EP 1218255 B1 20050302 (DE)

Application

EP 00965978 A 20000912

Priority

EP 0008896 W 20000912

Abstract (en)

[origin: WO0222460A1] The invention relates to a method for sealing a pouring opening of a container and a container with a corresponding structure. A sealing element (18) which covers the opening, composed of a flat layered material, is connected to an edge area (17) of the container (1) all around the opening, preferably by welding. The sealing element is further connected, or glued to the hinged lid (11) of a sealing cap (4) mounted onto the container, said hinged lid covering the pouring opening. The adhesive strength of the connection between the sealing cap and the hinged lid is greater than that between the sealing element and the edge area of the container. In order to separate the sealing element from the edge area of the container, the hinged lid must be pivoted away. The arrangement of the container and sealing cap is particularly suitable for the conservation of chemical substances in powder form and can be used for example in photo developing machines. The opening of the hinged lid can take place mechanically in order to allow access to the contents of the container.

IPC 1-7

B65D 51/20; **B65D 47/08**

IPC 8 full level

B65D 53/00 (2006.01); **B65D 41/32** (2006.01); **B65D 47/08** (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP)

B65D 47/0838 (2013.01); **B65D 51/228** (2013.01); **B65D 2251/0025** (2013.01); **B65D 2251/0093** (2013.01)

Citation (examination)

EP 0691281 A1 19960110 - VALYI EMERY I [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0222460 A1 20020321; AT E289953 T1 20050315; AU 7654000 A 20020326; CN 1390175 A 20030108; DE 50009664 D1 20050407; EP 1218255 A1 20020703; EP 1218255 B1 20050302; HK 1044518 A1 20021025; JP 2004509024 A 20040325

DOCDB simple family (application)

EP 0008896 W 20000912; AT 00965978 T 20000912; AU 7654000 A 20000912; CN 00815606 A 20000912; DE 50009664 T 20000912; EP 00965978 A 20000912; HK 02105383 A 20020722; JP 2002526666 A 20000912