

Title (en)  
STOPPER, SEALING SYSTEM AND TIN FOR LIQUIDS

Title (de)  
STOPFEN, DICHTUNGSSYSTEM UND DOSE FÜR FLÜSSIGKEITEN

Title (fr)  
BOUCHON, SYSTÈME D'ÉTANCHÉITÉ ET BOÎTE POUR LIQUIDES

Publication  
**EP 4230544 A1 20230823 (EN)**

Application  
**EP 23156710 A 20230215**

Priority  
IT 202200002882 A 20220216

Abstract (en)  
A tin for liquids, in particular paints, provided with a sealing system with an stopper (8) (8;) made of a polymeric material and having a diaphragm (18) configured to be torn out, in use, at the moment of the first opening; said diaphragm (18) having a removable portion (19), which is delimited laterally by at least one line of weakness (20; 201, 2011); the removable portion (19) having a gripping element (21) which is configured to be grabbed, in use, by a user; said diaphragm (18) having an incision (k) extending along a side perimeter (p1) and locally reducing the depth of the diaphragm (18); wherein a portion of said incision (k) along the perimeter (p1) constitutes a respective part of one of the lines of weakness (20; 201, 2011).

IPC 8 full level  
**B65D 17/353** (2006.01); **B65D 17/28** (2006.01); **B65D 41/08** (2006.01)

CPC (source: EP)  
**B65D 17/353** (2018.01); **B65D 17/4011** (2018.01); **B65D 41/083** (2013.01); **B65D 41/086** (2013.01); **B65D 2517/0007** (2013.01); **B65D 2517/0013** (2013.01); **B65D 2517/0083** (2013.01)

Citation (search report)  
• [X] EP 1125852 A2 20010822 - SONOCO DEV INC [US]  
• [X] US 3281007 A 19661025 - DOROSZ ADOLPH S  
• [X] EP 2263947 A1 20101222 - CEREDI S P A F [IT]  
• [X] EP 3162728 A1 20170503 - F CEREDI S P A [IT]  
• [A] EP 0147725 A2 19850710 - NOVOPLAST VERPACK GMBH & CO KG [DE]  
• [A] EP 0137997 A2 19850424 - SUEDMILCH AG [DE]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4230544 A1 20230823**; IT 202200002882 A1 20230816

DOCDB simple family (application)  
**EP 23156710 A 20230215**; IT 202200002882 A 20220216