

Title (en)
METALLIC CAN LID

Title (de)
METALLISCHER DOSENDECKEL

Title (fr)
COUVERCLE DE BOÎTE MÉTALLIQUE

Publication
EP 3790807 A1 20210317 (DE)

Application
EP 19731963 A 20190617

Priority

- EP 18178571 A 20180619
- EP 2019065879 W 20190617

Abstract (en)
[origin: CA3102898A1] A metallic can end is disclosed. The can end has a reclosable opening, having a microgap or a weakening line peripherally around the opening, a sealing frame composed of plastic material connected to a fixed end surface, and a closure unit composed of plastic that is disposed within the surrounding microgap or the weakening line, connected to an upwardly pivotable metallic end region. The sealing frame and the closure unit cooperate in a sealing manner. The sealing frame is bonded to the fixed end surface and the closure unit is bonded to the upwardly pivotable metallic end region. An inner end side is largely free of lamination wherein the inner end side is provided with a sealing film that covers the microgap or the weakening line, and leaves the region of the inner end side disposed outside of the microgap or weakening line free of the sealing film.

IPC 8 full level
B65D 17/28 (2006.01)

CPC (source: EP KR US)
B65D 17/4014 (2018.01 - EP KR US); **B65D 17/404** (2018.01 - EP KR US); **B65D 2517/0013** (2013.01 - EP KR US);
B65D 2517/004 (2013.01 - EP KR US); **B65D 2517/0064** (2013.01 - EP KR US); **B65D 2517/0082** (2013.01 - EP KR US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3584187 A1 20191225; AR 115591 A1 20210203; AU 2019289694 A1 20210107; AU 2019289694 B2 20220526;
BR 112020025254 A2 20210309; CA 3102898 A1 20191226; CA 3102898 C 20230725; CN 112424075 A 20210226; CN 112424075 B 20230324;
DK 3741701 T3 20230123; EA 202190063 A1 20210329; EP 3741701 A1 20201125; EP 3741701 B1 20221214; EP 3790807 A1 20210317;
EP 3981702 A1 20220413; ES 2935714 T3 20230309; FI 3741701 T3 20230318; HR P20230200 T1 20230331; HU E061227 T2 20230528;
JP 2021527599 A 20211014; JP 7224380 B2 20230217; KR 102539968 B1 20230602; KR 20210010918 A 20210128; LT 3741701 T 20230310;
MA 52576 A 20210317; MX 2020013444 A 20210226; PL 3741701 T3 20230411; PT 3741701 T 20230112; RS 64047 B1 20230428;
SI 3741701 T1 20230428; TW 202000540 A 20200101; TW I729413 B 20210601; US 11878835 B2 20240123; US 2021253300 A1 20210819;
UY 38267 A 20200131; WO 2019243254 A1 20191226; ZA 202007443 B 20240131

DOCDB simple family (application)
EP 18178571 A 20180619; AR P190101706 A 20190619; AU 2019289694 A 20190617; BR 112020025254 A 20190617;
CA 3102898 A 20190617; CN 201980041432 A 20190617; DK 20185471 T 20180619; EA 202190063 A 20190617; EP 19731963 A 20190617;
EP 20185471 A 20180619; EP 2019065879 W 20190617; EP 21203171 A 20190617; ES 20185471 T 20180619; FI 20185471 T 20180619;
HR P20230200 T 20180619; HU E20185471 A 20180619; JP 2020570810 A 20190617; KR 20207036347 A 20190617; LT 20185471 T 20180619;
MA 52576 A 20190617; MX 2020013444 A 20190617; PL 20185471 T 20180619; PT 20185471 T 20180619; RS P20230091 A 20180619;
SI 201830864 T 20180619; TW 108120893 A 20190617; US 201917253447 A 20190617; UY 38267 A 20190618; ZA 202007443 A 20201130