

Title (en)
METALLIC CAN LID

Title (de)
METALLISCHER DOSENDECKEL

Title (fr)
COUVERCLE DE BOÎTE MÉTALLIQUE

Publication
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Application
EP 21185634 A 20190617

Priority

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Abstract (en)

[origin: CA3167160A1] A metallic can end having a reclosable opening, in particular for beverage cans and for storing foodstuffs and other liquid, pasty, powder, or solid products, having a microgap or weakening line provided in the metallic end surface and peripheral about the opening, having a sealing frame composed of plastic material connected to the fixed end surface and surrounding the opening region, having a closure unit composed of plastic material that is connected to the upwardly pivotable metal end region disposed within the microgap or weakening line, that is pivotably attached to the fixed end surface via a pivot bearing, and that is preferably provided with a tear-open member that is upwardly pivotably connected to the closure unit diametrically opposite the pivot bearing, wherein the sealing frame and the closure unit cooperate in a sealing manner with one another, preferably via sealing and latching ribs and associated reception grooves, and the metallic can region disposed within the peripheral microgap or weakening line is received and held in the opening region of the end, wherein the sealing frame is bonded to the fixed end surface and the closure unit is bonded to the upwardly pivotable metallic end region, in particular by a thermal process, using an adhesive agent that is preferably suitable for foodstuffs and/or has lubricating properties, and wherein the sealing edges are configured such that the radially innermost sealing edge still seals on the opening of the can end when the radially outer sealing edges have just been released.

IPC 8 full level
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EP 18178561 A 20180619; AR P190101705 A 20190619; AR P220103203 A 20221122; AR P220103204 A 20221122; AU 2019289700 A 20190617; AU 2021282445 A 20211208; AU 2021282446 A 20211208; BR 112020026049 A 20190617; CA 3102899 A 20190617; CA 3167160 A 20190617; CA 3167164 A 20190617; CN 201980041430 A 20190617; CN 202210975896 A 20190617; CN 202210975904 A 20190617; EA 202190008 A 20190617; EA 202191962 A 20190617; EA 202191963 A 20190617; EP 19731964 A 20190617; EP 20185592 A 20180619; EP 20185594 A 20180619; EP 2019065890 W 20190617; EP 21185634 A 20190617; EP 21185645 A 20190617; ES 19731964 T 20190617; ES 21185634 T 20190617; ES 21185645 T 20190617; HR P20230862 T 20190617; HR P20231482 T 20190617; HR P20240239 T 20190617; HU E21185634 A 20190617; HU E21185645 A 20190617; JP 2020570897 A 20190617; KR 20207036351 A 20190617; KR 20227027788 A 20190617; KR 20227027789 A 20190617; MA 52577 A 20190617; MA 57023 A 20190617; MA 57210 A 20190617; MX 2020014052 A 20190617; PL 19731964 T 20190617; PL 21185634 T 20190617; PL 21185645 T 20190617; RS P20230623 A 20190617; RS P20231233 A 20190617; RS P20240345 A 20190617; SA 520420824 A 20201216; SA 522432159 A 20201216; SA 522432160 A 20201216; TW 108120895 A 20190617; US 201917254622 A 20190617; UY 38268 A 20190618; ZA 202007598 A 20201207; ZA 202109108 A 20211116; ZA 202109109 A 20211116