Title (en)

CAN LID

Title (de)

DOSENDECKEL

Title (fr)

COUVERCLE DE BOÎTE

Publication

EP 4387899 A1 20240626 (DE)

Application

EP 23800413 A 20231031

Priority

- DE 102022129193 A 20221104
- EP 2023080332 W 20231031

Abstract (en)

[origin: CA3235170A1] The invention relates to a can end having a metallic end surface in which an opening is formed that is bounded by a closed margin of the end surface and that can be closed by a closure piece, having a sealing frame that is connected to the end surface and that surrounds the opening, having a closure unit that supports the closure piece and that is pivotably attached to the metallic end surface, wherein the sealing frame and the closure unit can be releasably connected in a fluidtight manner to one another via a sealing rib and an associated reception groove, wherein respective latching lugs are arranged at the one sealing rib and at the reception groove, the respective latching lugs running around the opening and engaging behind one another with respect to a vertical direction facing transversely to the plane defined by the opening, and wherein, in a starting position of the closure unit, the closure piece is flush with the surrounding end surface or is offset in parallel therefrom by less than the thickness of the metallic end surface. The latching lugs are spaced apart from one another in the vertical direction by a predefined vertical offset when the closure unit is in the starting position.

IPC 8 full level

B65D 17/50 (2006.01); B65D 41/18 (2006.01)

CPC (source: EP)

B65D 17/506 (2013.01); B65D 41/18 (2013.01)

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 4400442 A2 20240717; AU 2023348037 A1 20240523; CA 3235170 A1 20240504; CN 118488916 A 20240813; EP 4387899 A1 20240626; KR 20240116757 A 20240730

DOCDB simple family (application)

EP 24180272 Å 20231031; ÄU 2023348037 A 20231031; CA 3235170 A 20231031; CN 202380014268 A 20231031; EP 23800413 A 20231031; KR 20247020726 A 20231031