

Title (en)
FULL OPEN CAN END CLOSURE

Title (de)
AUFREISSDECKEL EINER BLECHDOSE

Title (fr)
FERMETURE D'EXTREMITÉ À OUVERTURE TOTALE POUR BOÎTE MÉTALLIQUE

Publication
EP 0592550 B1 19970502 (EN)

Application
EP 92914746 A 19920710

Priority
• AU 9200337 W 19920710
• AU PK717191 A 19910711
• AU PK765591 A 19910808

Abstract (en)
[origin: WO9301096A1] A can end closure comprises (i) a panel formed with a rim portion (2) and (ii) a central panel (4) substantially fully severed from the rim portion (2) and having a peripheral free edge portion (5). The rim portion is formed with spaced parallel folded portions (F1 and F2) defining a groove G within which the peripheral free edge portion (5) of the central panel (4) is positioned. Sealant (8) hermetically seals the central panel (4) to the rim portion (2). A push-in closure C in the central panel (4) comprises a closure tab (10) severed from the panel (4) along line (11) except for a hinge portion (12) and has a peripheral free edge portion (14) in overlapping underlying relationship with an edge portion (15) of the central panel (4). A latch means (17) formed in the edge portion (14) and engaging the free edge of the edge portion (15) prevents unintended inward movement of the tab (10). Sealant (18) hermetically seals the push-in closure C. An inwardly direct abutment (19) formed in the central panel (4) adjacent the closure C opposite the hinge portion (12) comprises a substantially vertical wall portion that defines an anchor point for the tip of the bowl of a spoon inserted in the opening formed in the central panel (4) by inward displacement of the closure C and prevents withdrawal of the spoon as the spoon is levered against the rim portion (2) to deform the central panel (4) and remove it from the rim portion (2). The position of the peripheral free edge portion (5) between the folded portions (F1 and F2) facilitates easier removal of the central panel (4) from the rim portion (2) with a less variable removal force than was required with prior art constructions.

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IPC 8 full level
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