

Title (en)
Metal can having a snap-engaging lid

Title (de)
Metalldose mit einem Schnappdeckel

Title (fr)
Récipient métallique ayant un couvercle encliquetable

Publication
EP 0743260 A1 19961120 (EN)

Application
EP 96201323 A 19960517

Priority
IT RE950021 U 19950519

Abstract (en)
The container body is formed from thin sheet metal suitably shaped to define a side wall (3) closed lowerly by a base (4); the lid is arranged to hermetically seal the container body (1), and has a peripheral edge comprising a downwardly bent portion (21), an inwardly projecting element (22) and an annular gasket means (40) for the hermetic sealing; the upper mouth of the container body (1) is formed only from the actual metal sheet forming the side wall (3) by being bent in such a manner as to define, in cross-section, an internal first portion (11) positioned as a continuation of the side wall (3) and orientated substantially perpendicularly, a substantially outwardly and downwardly extending second portion (12) positioned as a continuation of and external to the first portion (11) and radius-joined to the first portion (11), and an inwardly and downwardly extending third portion (13) positioned as a continuation of the second portion (12), the radius-joining zone (14) between the first portion (11) and second portion (12) being arranged to engage the gasket (40) in an hermetically sealing manner, and the third portion (13) being arranged to snap-engage the inwardly projecting element (22) of the lid. <IMAGE>

IPC 1-7
B65D 51/14

IPC 8 full level
B65D 51/14 (2006.01)

CPC (source: EP)
B65D 51/145 (2013.01)

Citation (search report)
• [Y] US 4111330 A 19780905 - JORDAN THOMAS F
• [Y] BE 433717 A
• [A] US 4258529 A 19810331 - SMITH ERNEST L
• [A] FR 738284 A 19321223 - WEIL ET CIE
• [A] DE 815752 C 19511004 - MUELLER & BAUER K G BLECHDOSEN
• [A] US 4448345 A 19840515 - HELMS CHARLES R [US]

Cited by
EP4043355A1; US8016148B2; WO9923007A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0743260 A1 19961120; EP 0743260 B1 20010627; DE 69613509 D1 20010802; DE 69613509 T2 20011011; IT 239231 Y1 20010226; IT RE950021 U1 19961119

DOCDB simple family (application)
EP 96201323 A 19960517; DE 69613509 T 19960517; IT RE950021 U 19950519