

Title (en)
Combination of a bucket and a lid

Title (de)
Kombination eines Eimers mit einem Deckel

Title (fr)
Ensemble d'un seau pourvu d'un couvercle

Publication
EP 0960823 A1 19991201 (EN)

Application
EP 99201643 A 19990525

Priority
NL 1009255 A 19980525

Abstract (en)
A combination of a bucket (1) and a lid (2) for airtight and/or watertight sealing of a product such as vegetables and fruit, which bucket comprises a generally disc-shaped bottom, a side wall standing along the edge of the bottom and first cams (6) arranged on the mouth rim (5) of the side wall remote from the bottom, and which lid comprises an edge overhanging at least a part of the periphery of the mouth rim (3) of the bucket and second generally wedge-shaped cams (7) arranged on this edge, which first and which second cams are arranged with their active surfaces at overlapping radial positions and can be placed at least partially coinciding; which active surfaces comprise rise surfaces; this such that on preliminary placing of the lid the second cams can pass between the first cams until the lid comes into engagement with the mouth rim, whereafter through rotation of the lid relative to the bucket at least a number of the first and at least a number of the second cams are brought into mutual wedging engagement via said active surfaces such that with said rotation an axial pressing of the lid onto the mouth rim is effected. <IMAGE>

IPC 1-7
B65D 43/08

IPC 8 full level
B65D 21/02 (2006.01); **B65D 43/02** (2006.01)

CPC (source: EP)
B65D 21/0233 (2013.01); **B65D 43/0212** (2013.01); **B65D 43/0231** (2013.01); **B65D 2543/00027** (2013.01); **B65D 2543/00092** (2013.01); **B65D 2543/00296** (2013.01); **B65D 2543/00509** (2013.01); **B65D 2543/00537** (2013.01); **B65D 2543/00555** (2013.01); **B65D 2543/00574** (2013.01); **B65D 2543/00657** (2013.01); **B65D 2543/00685** (2013.01); **B65D 2543/0074** (2013.01); **B65D 2543/00796** (2013.01); **B65D 2543/0099** (2013.01)

Citation (search report)
• [XA] US 5638976 A 19970617 - ARNOLD BRUCE DOUGLAS [US]
• [A] CH 679770 A5 19920415 - UTZ AG GEORG
• [A] US 3840143 A 19741008 - DAVIS P, et al
• [A] US 5458252 A 19951017 - LOGEL PAUL E [US]
• [A] CH 356032 A 19610731 - SCHMIDT FRIEDRICH [CH]

Cited by
WO201117292A1; EP1712118A1; ITMO20120315A1; EP1500607A4; US2024083625A1; WO03080471A1; US7837052B2; EP2368809A1; CN102985332A; WO2005007525A1; US9056698B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0960823 A1 19991201; NL 1009255 C2 19991126; ZA 993535 B 20000111

DOCDB simple family (application)
EP 99201643 A 19990525; NL 1009255 A 19980525; ZA 993535 A 19990525