

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>

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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  
WO2011117292A1; EP1712118A1; ITMO20120315A1; EP1500607A4; US2024083625A1; WO03080471A1; US7837052B2; EP2368809A1;  
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