

Title (en)  
Non-plastic container for storing food

Title (de)  
Lebensmittelbehälter aus einem anderen Material als Plastik

Title (fr)  
Conteneur pour denrées alimentaires n'étant pas en plastique

Publication  
**EP 1550617 A1 20050706 (EN)**

Application  
**EP 04008909 A 20040414**

Priority  
KR 20030101045 A 20031230

Abstract (en)  
The present invention relates to an improved non-plastic container (1) for storing food in which a lid (2) fabricated using plastic based on an injection molding method is sealingly engaged to a non-plastic container body formed of a heat resisting glass, a stainless material, a heat resisting ceramic ware, etc. The food storing container (1) having a non-plastic container body comprises a closed ring shaped plastic rim (3) formed in an upper side of an opening of the non-plastic container body wherein the closed ring shaped plastic rim (3) surrounds all outer surrounding portions of the container body (1), and at least more than one locking protrusion (31) integrally formed at the opposite sides of the plastic rim (3) wherein the locking protrusions are inserted into locking holes (24) formed in locking wings (23) of the plastic lid. <IMAGE>

IPC 1-7  
**B65D 45/20**; **B65D 1/40**

IPC 8 full level  
**B65D 45/16** (2006.01); **B65D 1/40** (2006.01); **B65D 43/02** (2006.01); **B65D 43/06** (2006.01); **B65D 45/20** (2006.01)

CPC (source: EP KR US)  
**B65D 1/40** (2013.01 - EP US); **B65D 43/02** (2013.01 - KR); **B65D 43/0218** (2013.01 - EP US); **B65D 45/20** (2013.01 - EP US); **B65D 2543/0012** (2013.01 - EP US); **B65D 2543/005** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00555** (2013.01 - EP US); **B65D 2543/00564** (2013.01 - EP US)

Citation (search report)  
• [YA] CA 2314537 A1 20020125 - PROMOTIONS ATLANTIQUES INC [CA]  
• [YA] US 5785198 A 19980728 - CREDLE JR WILLIAM S [US]  
• [YA] DE 19513375 A1 19961010 - LEIFHEIT AG [DE]  
• [A] US 4880138 A 19891114 - PFEIFFER PIERRE [FR], et al  
• [A] EP 1172304 A1 20020116 - HANA COBI CO LTD [KR]

Cited by  
EP2570362A1; DE102008050795B4; US2012024855A1; US8678230B2; WO2017028101A1; WO2012016214A1; US8870021B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1550617 A1 20050706**; **EP 1550617 B1 20070613**; AT E364558 T1 20070715; CN 100376459 C 20080326; CN 1636830 A 20050713; DE 602004006948 D1 20070726; DE 602004006948 T2 20071018; HK 1080810 A1 20060504; JP 2005193980 A 20050721; KR 20050069118 A 20050705; US 2005139604 A1 20050630

DOCDB simple family (application)  
**EP 04008909 A 20040414**; AT 04008909 T 20040414; CN 200410043466 A 20040427; DE 602004006948 T 20040414; HK 06100549 A 20060113; JP 2004132357 A 20040428; KR 20030101045 A 20031230; US 77330404 A 20040209