

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 B1 20070613 (EN)

Application

EP 04008909 A 20040414

Priority

KR 20030101045 A 20031230

Abstract (en)

[origin: EP1550617A1] 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 resisiting 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 8 full level

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CPC (source: EP KR US)

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Cited by

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