

Title (en)
SEALABLE CONTAINER, SEALED CONTAINER AND PROCESSES FOR MAKING THEREOF

Title (de)
VERSIEGELBARER BEHÄLTER, VERSIEGELTER BEHÄLTER UND VERFAHREN ZUR DEREN HERSTELLUNG

Title (fr)
CONTENEUR SCELLABLE, CONTENEUR SCELLÉ ET LEUR PROCÉDÉ DE FABRICATION

Publication
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Application
EP 16174861 A 20110110

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• GB 201011918 A 20100715
• EP 11704299 A 20110110
• GB 2011050031 W 20110110

Abstract (en)
[origin: GB2471028A] A sealable. container, preferably a tray, has a base and a continuous side wall extending substantially perpendicular to the base. A peripheral flange is formed along the upper, in use, edge of the continuous side wall, and a layer of adhesive is located on an upper, in use, surface of the peripheral flange. This enables a lidding film to be sealed to the peripheral flange to create a sealed space between the base, continuous side wall and lidding film. Preferably the base and continuous side wall are clear, with the base and continuous sidewall being manufactured from recycled polyethylene terephthalate (PET). The adhesive may be a hot melt adhesive based on a polyethylene, or polyethylene copolymer material. The atmosphere within the sealed container may be modified or controlled, to include increased levels of oxygen, or carbon dioxide. The present application further relates to a process for making said sealed container. The process may be a continuous process and include the steps of (a) providing the sealable container, (b) applying a layer of lidding film to the peripheral flange of the container, and (c) applying pressure to the peripheral flange to seal the lidding film to the sealable container.

IPC 8 full level
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Citation (examination)
US 6086931 A 20000711 - WHITEFORD CARLTON L [US]

Citation (opposition)
Opponent : Mannok Pack Limited
• GB 201000310 A 20100108
• GB 201011918 A 20100715
• GB 2471028 A 20101215 - LINPAC PACKAGING LTD [GB]
• EP 3184453 A1 20170628 - LINPAC PACKAGING LTD [GB]
• CA 2349515 A1 20020112 - ROCK TENN CO [US]
• WO 2009121834 A1 20091008 - BASF SE [DE], et al
• GB 1432219 A 19760414 - DU PONT
• EP 0440550 A1 19910807 - ONO SA [FR]
• AU 638092 B2 19930617
• JP S63117730 U 19880729
• WO 0105666 A1 20010125 - GLUD & MARSTRAND AS [DK], et al
• WO 9928123 A1 19990610 - CRYOVAC INC [US], et al
• DE 20219469 U1 20030313 - RIEBER GMBH & CO KG [DE]
• DE 2144653 A1 19730315 - GUNDERMANN UNIONPACK
• EP 0614823 A1 19940914 - DOLCIARIA ZAGHIS SRL [IT]
• EP 1607337 A2 20051221 - KAPPA PACKAGING B V [NL]
• US 4427148 A 19840124 - SEITER GEORGE M [US], et al
• US 6149006 A 20001121 - BRAUNER ARNE H [US], et al

Cited by
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