

Title (en)

Hermetically sealed container and test for seal leakage thereof.

Title (de)

Hermetisch verschlossener Behälter und Test auf Nahtundichtigkeit.

Title (fr)

Réceptient hermétiquement fermé et test de fuite pour la fermeture.

Publication

EP 0420519 A1 19910403 (EN)

Application

EP 90310351 A 19900921

Priority

- GB 8921567 A 19890923
- GB 8922820 A 19891010

Abstract (en)

An hermetically sealed container such as used in packaging of foods, powders, or material where ingress of moisture or contaminants is to be prevented, comprises a dished sidewall (61) having a peripheral flange (64), a sidewall (74) with a peripheral part engaging said flange and a seal formed between said peripheral flange and peripheral part which comprises two regions (76,79) of sealing material extending one alongside the other provided on said part and/or said flange and an evacuated cavity (70) provided by a channel formed in the peripheral flange or part which separates the regions of sealing material. Methods of testing such seals where the channel is pressurised or evacuated are also disclosed.

IPC 1-7

B65D 77/20; **B65D 79/02**

IPC 8 full level

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CPC (source: EP)

B65D 77/2024 (2013.01); **B65D 79/02** (2013.01)

Citation (search report)

- [X] FR 2575997 A1 19860718 - PILOT PIERRE [FR]
- [X] EP 0032820 A1 19810729 - METAL BOX PLC [GB]

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RU2507142C2; EP0899209A3; GB2330567A; US6076673A; AU728364B2; GB2330567B; CN111164198A; US10131455B2; WO2010018304A1; WO0151382A1; WO2015197787A1; WO9838954A3; US9783337B2; US9988179B2; US10259612B2; US10994888B2; US10399139B2; US10569324B2; US11040495B2

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