

Title (en)

Heat-shrinkable packaging and method of forming it

Title (de)

Verpackung aus Schrumpffolie und Verfahren zur Herstellung derselben

Title (fr)

Emballage en matériau thermorétractable et procédé pour sa fabrication

Publication

EP 1449787 B2 20150304 (EN)

Application

EP 04250922 A 20040220

Priority

- US 37195003 A 20030220
- US 64518603 A 20030821

Abstract (en)

[origin: EP1449787A1] An individual end-sealed packaging receptacle (10), such as a bag, formed from a sheet of heat-shrinkable film having a first edge (12) and an opposing second edge (14). The packaging receptacle includes a first seal (16) bonding the first edge and second edge to define a tube member (18) having a first bag wall (20), a second bag wall (22), first and second opposing lay-flat bag edges (24,26), an end (30) and an open mouth (28). The packaging receptacle includes a second seal (32) through the first and second bag walls, extending laterally across the width of both the first and second walls and thereby closing the end. Preferably, at least one of the first and second seals (16,32) is a peelable seal. The first seal (16) may be a lap seal, a fin seal, a butt-seal or a seal strip. A method of forming a individual, end-sealed, heat-shrinkable packaging receptacle is also disclosed. <IMAGE>

IPC 8 full level

B29C 61/08 (2006.01); **B31B 1/64** (2006.01); **B31B 50/64** (2017.01); **B32B 27/32** (2006.01); **B65D 30/02** (2006.01); **B65D 33/00** (2006.01); **B65D 65/40** (2006.01); **B65D 75/00** (2006.01); **B29L 7/00** (2006.01); **B29L 9/00** (2006.01)

CPC (source: EP)

B65D 75/002 (2013.01)

Citation (opposition)

Opponent :

- WO 2007088005 A1 20070809 - CRYOVAC INC [US], et al
- US 5888648 A 19990330 - DONOVAN KEVIN M [US], et al
- US 6221410 B1 20010424 - RAMESH RAM K [US], et al
- US 5860744 A 19990119 - SCHULZ WERNER [DK]
- ExxonMobil's reply from April 27 2004 to the communication of 16th January 2004 from the examining division in EP 97 937 062.4
- Form 10-K

Cited by

EP2960045A1; CN113650275A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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