

Title (en)

Opening and/or closing device for an hermetic package, in particular for foodstuffs

Title (de)

Öffnungs- und/oder Verschlussvorrichtung für eine dichte Packung, insbesondere für Lebensmittel

Title (fr)

Dispositif d'ouverture et/ou de fermeture d'un emballage hermétique, notamment destiné à la conservation de produits agroalimentaires

Publication

EP 1657158 A1 20060517 (FR)

Application

EP 05370033 A 20051103

Priority

FR 0411935 A 20041109

Abstract (en)

The device has a plugging unit (13) through which a sealed packaging (10) is pierced, where the packaging is reclosed after removing a piercing unit (8). The plugging unit is formed of two cage shaped units (1, 2) that are slaved together. The cage shaped unit (1) is fitted with a thermoplastic material that is re-closable after the piercing. The unit (2) has a spreading unit to create a vacuum chamber at the piercing unit. Independent claims are also included for the following: (A) a packaging including a plugging unit (B) an installation for implementing a packaging.

IPC 8 full level

B65B 31/08 (2006.01); **A61J 1/00** (2006.01); **B65D 51/00** (2006.01)

CPC (source: EP US)

B65B 31/08 (2013.01 - EP US); **B65D 17/00** (2013.01 - EP US); **B65D 51/002** (2013.01 - EP US)

Citation (applicant)

EP 1312556 A1 20030521 - CHAUDE LAURENT [FR]

Citation (search report)

- [XYA] US 6155027 A 20001205 - BROOKS RAY G [US]
- [A] US 5611792 A 19970318 - GUSTAFSSON SVEN [SE]
- [A] US 4863453 A 19890905 - BERGER RICHARD A [US], et al
- [AY] US 5724748 A 19980310 - BROOKS RAY G [US], et al
- [AD] FR 2831144 A1 20030425 - CHAUDE LAURENT [FR]

Cited by

FR2905115A1; FR2915736A1; BE1018274A3; CN102202977A; WO2010023640A1

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 05370033 A 20051103; AT 05370033 T 20051103; DE 602005008687 T 20051103; FR 0411935 A 20041109; US 27070905 A 20051109