

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1657158 A1 20060517**; **EP 1657158 B1 20080806**; AT E403605 T1 20080815; DE 602005008687 D1 20080918; FR 2877643 A1 20060512; FR 2877643 B1 20070209; US 2006096661 A1 20060511

DOCDB simple family (application)

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