

Title (en)

Combination of a packaging container for sensitive products and a device for airtight sealing thereof

Title (de)

Kombination von einem Verpackungsbehälter für empfindliche Produkte und einer Vorrichtung zu dessen dichten Verschließung

Title (fr)

Combinaison d'un conteneur de conditionnement pour des produits sensibles et d'un dispositif pour l'obturation étanche dudit conteneur

Publication

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Application

EP 09010832 A 20041220

Priority

- EP 04816440 A 20041220
- FR 0314987 A 20031219

Abstract (en)

Device for sealing the opening of tubular containers for packaging products sensitive to atmospheric pollutants comprises a cap (1), a mounting ring (2) for attachment to the container, two hinges (6, 7) connecting the cap to the mounting ring, a spring (9), and an antitamper system. The cap has an outer wall that fits into the container's opening and a concentric inner wall forming a cavity for containing an air treatment agent. Device for sealing the opening of tubular containers for packaging products sensitive to atmospheric pollutants comprises a cap (1), a mounting ring (2) for attachment to the container, two hinges (6, 7) connecting the cap to the mounting ring, a spring (9) that assists opening and closing of the cap and controlling the angle at which it is opened, and an antitamper system in the form of peripheral microwelds and/or a tear-off strip between the cap and the mounting ring. The cap has an outer wall that fits into the container's opening and a concentric inner wall forming a cavity for containing an air treatment agent.

Abstract (fr)

L'invention concerne un dispositif d'obturation étanche de l'orifice (4) de conteneurs (5) et de traitement de purification de l'air ambiant s'y trouvant, en raison des cycles d'ouverture et de fermeture, ces conteneurs (5) étant destinés à conditionner des produits sensibles à des agents polluants gazeux, présents dans cet air ambiant. Le dispositif selon l'invention est d'une application particulièrement intéressante dans le conditionnement de médicaments à l'état solide dont toute la réactivité et l'intégrité physique doivent être conservés sous forme de comprimés, dragées, capsules.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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US 2007272646 A1 20071129; **US 8365932 B2 20130205**; AT E440785 T1 20090915; DE 602004022867 D1 20091008; EP 1704099 A1 20060927; EP 1704099 B1 20090826; EP 2119637 A1 20091118; FR 2863968 A1 20050624; FR 2863968 B1 20070302; WO 2005061343 A1 20050707; WO 2005061343 B1 20050909

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