Title (en)

Method and apparatus for sealing capsules and capsules suitable for use in said method and apparatus

Title (de)

Verfahren und Vorrichtung zum Versiegeln von Kapseln und Kapseln geeignet zur Verwendung in diesem Verfahren und dieser Vorrichtung

Title (fr)

Procédé et appareil pour sceller des capsules et capsules aptes à être utilisées dans ce procédé et appareil

Publication

**EP 1072245 A1 20010131 (EN)**

Application

**EP 99401949 A 19990730**

Priority

EP 99401949 A 19990730

Abstract (en)

The invention is concerned with a method of sealing a hardshell capsule having coaxial body parts which overlap when telescopically joined with each other, thereby forming a gap around a circumference of the capsule, comprising the steps of individually applying a sealing liquid including a solvent uniformly to the external edge of the gap of a capsule to be sealed to form a liquid ring around the circumference of the capsule, removing excess sealing liquid from the exterior of the capsule, drying the capsule by applying thermal energy from outside while gently tumbling and conveying the capsule on a spiral path. <IMAGE>

IPC 1-7
    **A61J 3/07**

IPC 8 full level
    **A61J 3/07** (2006.01)

CPC (source: EP)
    **A61J 3/072** (2013.01)

Citation (applicant)
- EP 0116743 A1 19840829 - WARNER LAMBERT CO [US]
- EP 0116744 A1 19840829 - WARNER LAMBERT CO [US]
- EP 0180543 A2 19860507 - WARNER LAMBERT CO [US]

Citation (search report)
- [AD] EP 0180543 A2 19860507 - WARNER LAMBERT CO [US]
- [AD] EP 0116743 A1 19840829 - WARNER LAMBERT CO [US]
- [AD] EP 0116744 A1 19840829 - WARNER LAMBERT CO [US]
- [A] EP 0152517 A1 19850828 - WARNER LAMBERT CO [US]
- [A] US 4734149 A 19880329 - BROWN CHARLES F [US]

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Designated contracting state (EPC)
    FR

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**EP 1072245 A1 20010131**; AT E310487 T1 20051215; CA 2379276 A1 20010208; CA 2379276 C 20080930; CN 1213714 C 20050810; CN 1365268 A 20020821; DE 60024272 D1 20051229; DE 60024272 T2 20060614; DK 1202699 T3 20060403; EA 003124 B1 20030227; EA 200200195 A1 20020627; EP 1202699 A1 20020508; EP 1202699 B1 20051123; ES 2250152 T3 20060416; JP 2003505204 A 20030212; JP 4684509 B2 20110518; KR 100789431 B1 20071228; KR 20020035844 A 20020515; MX PA02001062 A 20030410; WO 0108631 A1 20010208

DOCDB simple family (application)

**EP 99401949 A 19990730**; AT 00943950 T 20000630; CA 2379276 A 20000630; CN 00811047 A 20000630; DE 60024272 T 20000630; DK 00943950 T 20000630; EA 200200195 A 20000630; EP 0006098 W 20000630; EP 00943950 A 20000630; ES 00943950 T 20000630; JP 2001513364 A 20000630; KR 20027001347 A 20020130; MX PA02001062 A 20000630