

Title (en)

CONTROLLING RELEASE OF ACTIVE AGENTS FROM A CHEWING GUM COATING

Title (de)

KONTROLLIERTE ABGABE VON WIRKSUBSTANZEN AUS EINER KAUGUMMIBESCHICHTUNG

Title (fr)

LIBERATION PROLONGEE DE PRINCIPES ACTIFS D'UN ENROBAGE DE GOMME A MACHER

Publication

EP 1139773 A4 20020612 (EN)

Application

EP 99963061 A 19991210

Priority

- US 9929280 W 19991210
- US 11238998 P 19981215
- US 38921199 A 19990902

Abstract (en)

[origin: WO0035295A1] A method for producing a coated chewing gum with a controlled release of an active agent, as well as the chewing gum so produced, is obtained by physically modifying an active agent's properties by coating and drying. An active agent is coated by encapsulation, partially coated by agglomeration, entrapped by absorption, or treated by multiple steps of encapsulation, agglomeration, and absorption. The coated active agent is then co-dried and particle sized to produce a release-modified active agent. When incorporated into a chewing gum coating, these particles release into the mouth but mask bitter and other off-tastes in the mouth, and are readily ingested.

IPC 1-7

A23G 3/30; A61K 9/68; A23G 3/00

IPC 8 full level

A23G 4/00 (2006.01); **A23G 4/02** (2006.01); **A23G 4/06** (2006.01); **A23G 4/10** (2006.01); **A23G 4/12** (2006.01); **A23G 4/20** (2006.01); **A61K 9/20** (2006.01); **A61K 9/24** (2006.01); **A61K 9/68** (2006.01)

CPC (source: EP)

A23G 4/025 (2013.01); **A23G 4/06** (2013.01); **A23G 4/064** (2013.01); **A23G 4/068** (2013.01); **A23G 4/10** (2013.01); **A23G 4/126** (2013.01); **A23G 4/20** (2013.01); **A61K 9/0058** (2013.01); **A61K 9/2086** (2013.01); **A61K 9/209** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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US 9929280 W 19991210; AU 1937700 A 19991210; BR 9916302 A 19991210; BR 9916304 A 19991214; CA 2355777 A 19991210; CN 99814486 A 19991210; EP 99963061 A 19991210